HES 1006 Series Strike by ASSA ABLOY

Health Product Declaration v2.3 created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 30735

CLASSIFICATION: 08 74 00 Non-Integrated Access Control Hardware

Threshold Level

C 100 ppm

O Other

• 1,000 ppm

O Per GHS SDS

PRODUCT DESCRIPTION: The 1006 series is the strongest and most versatile electric strike available. The dual interlocking plunger design and heavy duty stainless steel construction, enables it to exceed every standard developed for electric strikes. With multiple faceplate options, the 1006 will fully accommodate every lock designed to work within an ANSI 4-7/8" strike plate. Tested to exceed 3,000 lbs. of static strength, 350 ft-lbs. of dynamic strength and factory tested to exceed 1,000,000 cycles of operation, the 1006 is in a class of its own.

Section 1: Summary

CONTENT INVENTORY

- Inventory Reporting Format
- Nested Materials Method
 Basic Method
- Threshold Disclosed Per
- O Material

O Product

Residuals/Impurities Evaluation Completed in 25 of 25 Materials

Explanation(s) provided for Residuals/Impurities? • Yes O No

Nested Method / Product Threshold

| For all contents above the threshold, the ma | anufacturer has: |
|--|------------------|
| Characterized | ⊙ Yes ⊖ No |
| Provided weight and role. | |
| Screened | O Yes O No |
| Provided screening results using HPDC-app | proved |
| methods. | |
| Identified | O Yes O No |
| Provided name and CAS RN or other identi | fier. |

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

HOUSING:1006-BLK [IRON LT-P1 | END CHROMIUM, METALLIC LT-P1 | END | SKI | GEN | REP | MAM NICKEL LT-1 | CAN | RES | MUL | MAM | SKI | AQU MANGANESE LT-P1 | END | MUL | REP | MAM | AQU SILICON LT-UNK GRAPHITE LT-UNK | KEEPER:1006-INSIDE [IRON LT-P1 | END CHROMIUM, METALLIC LT-P1 | END | SKI | GEN | REP | MAM NICKEL (METALLIC) LT-1 | CAN | RES | MUL | MAM | SKI | AQU MANGANESE LT-P1 | END | MUL | REP | MAM | AQU SILICON LT-UNK GRAPHITE LT-UNK | SOLENOID: 1006-12/24 [SOLENOID] KEEPER:1006 OUTSIDE- [IRON LT-P1 | END CHROMIUM, METALLIC LT-P1 | END | SKI | GEN | REP | MAM NICKEL (METALLIC) LT-1 | CAN | RES | MUL | MAM | SKI | AQU MANGANESE LT-P1 | END | MUL | REP | MAM | AQU SILICON LT-UNK GRAPHITE LT-UNK | PLATE:1006-GOOF [IRON LT-P1 | END MANGANESE LT-P1 | END | MUL | REP | MAM | AQU GRAPHITE LT-UNK PHOSPHORUS BM-2 | MAM | PHY | EYE | AQU | SKI] FLOOR: 1006 DFM UNIV [IRON LT-P1 | END MANGANESE LT-P1 | END | MUL | REP | MAM | AQU GRAPHITE LT-UNK PHOSPHORUS BM-2 | MAM | PHY | EYE | AQU | SKI] BRACKET:1006-PIVOT [IRON LT-P1 | END CHROMIUM, METALLIC LT-P1 | END | SKI | GEN | REP | MAM NICKEL (METALLIC) LT-1 | CAN | RES | MUL | MAM | SKI | AQU MANGANESE LT-P1 | END | MUL | REP | MAM | AQU SILICON LT-UNK GRAPHITE LT-UNK | SHIM: 1006 KEEPER [IRON LT-P1 | END CHROMIUM, METALLIC LT-P1 | END | SKI | GEN | REP | MAM NICKEL (METALLIC) LT-1 | CAN | RES | MUL | MAM | SKI | AQU MANGANESE LT-P1 | END | MUL | REP | MAM | AQU SILICON LT-UNK GRAPHITE LT-UNK] KIT:MOLEX PIGTAIL 12 [PIGTAIL CONNECTOR] PIN:1006-SPRING-DFM [IRON LT-P1 | END CHROMIUM, METALLIC LT-P1 | END | SKI | GEN | REP | MAM NICKEL (METALLIC) LT-1 | CAN | RES | MUL | MAM | SKI | AQU MANGANESE LT-P1 | END | MUL | REP | MAM | AQU SILICON LT-UNK GRAPHITE LT-UNK] PLUNGER:1006

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, BM-1, LT-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special Conditions applied: [Electronics]

This product inventory was screened to the 1000 ppm threshold.

MAG FAI [IRON LT-P1 | END CHROMIUM, METALLIC LT-P1 | END | SKI | GEN | REP | MAM NICKEL (METALLIC) LT-1 | CAN | RES | MUL | MAM | SKI | AQU MANGANESE LT-P1 | END | MUL | REP | MAM | AQU SILICON LT-UNK GRAPHITE LT-UNK] WIRE:4 WIRE PIGTAIL [ELECTRONIC WIRE] SPRING:1006-KEEPER-R [IRON LT-P1 | END CHROMIUM, METALLIC LT-P1 | END | SKI | GEN | REP | MAM NICKEL (METALLIC) LT-1 | CAN | RES | MUL | MAM | SKI | AQU MANGANESE LT-P1 | END | MUL | REP | MAM | AQU SILICON LT-UNK GRAPHITE LT-UNK] PIN:1006 VAVE HINGE [IRON LT-P1 | END CHROMIUM, METALLIC LT-P1 | END | SKI | GEN | REP | MAM NICKEL LT-1 | CAN | RES | MUL | MAM | SKI | AQU MANGANESE LT-P1 | END | MUL | REP | MAM | AQU SILICON LT-UNK GRAPHITE LT-UNK SCREW:4-40 X 5/32 SH [IRON LT-P1 | END CHROMIUM, METALLIC LT-P1 | END | SKI GEN | REP | MAM NICKEL (METALLIC) LT-1 | CAN | RES | MUL | MAM | SKI | AQU MANGANESE LT-P1 | END | MUL | REP | MAM | AQU GRAPHITE LT-UNK SILICON LT-UNK] MAGNET:NEO OD .25 X [IRON LT-P1 | END NEODYMIUM LT-UNK COBALT METAL POWDER LT-1 | CAN | REP | MUL | RES | GEN | EYE | MAM | SKI BORON LT-UNK] SCREW: MS 6-32 X 1/4 [IRON LT-P1 | END CHROMIUM, METALLIC LT-P1 | END | SKI | GEN | REP | MAM NICKEL (METALLIC) LT-1 | CAN | RES | MUL | MAM | SKI | AQU MANGANESE LT-P1 | END | MUL | REP | MAM | AQU SILICON LT-UNK GRAPHITE LT-UNK | SPRING:MOD 1006-KEEP [IRON LT-P1 | END CHROMIUM, METALLIC LT-P1 | END | SKI | GEN | REP | MAM NICKEL (METALLIC) LT-1 | CAN | RES | MUL | MAM | SKI | AQU MANGANESE LT-P1 | END | MUL | REP | MAM | AQU SILICON LT-UNK GRAPHITE LT-UNK | SCREW:4-40 X 3/8 HEX [IRON LT-P1 | END MANGANESE LT-P1 | END | MUL | REP | MAM | AQU GRAPHITE LT-UNK PHOSPHORUS BM-2 | MAM | PHY | EYE | AQU | SKI] CONNECTOR: RECEPTACL [POLYETHYLENE TEREPHTHALATE LT-P1] CONNECTOR: DOLPHIN D [POLYETHYLENE TEREPHTHALATE LT-P1 | SCREW: MS 4-40 X 1/4 [IRON LT-P1 | END CHROMIUM, METALLIC LT-P1 | END | SKI | GEN | REP | MAM NICKEL (METALLIC) LT-1 | CAN | RES | MUL | MAM | SKI | AQU MANGANESE LT-P1 | END | MUL | REP | MAM | AQU SILICON LT-UNK GRAPHITE LT-UNK | FOAM:1006DFM SOLENOI [SILOXANES AND SILICONES, DI-ME LT-P1 | PBT] SCREW: MS 4-40 X 3/1 [IRON LT-P1 | END CHROMIUM, METALLIC LT-P1 | END | SKI | GEN | REP | MAM NICKEL (METALLIC) LT-1 CAN RES MUL MAM SKI AQU MANGANESE LT-P1 | END | MUL | REP | MAM | AQU SILICON LT-UNK GRAPHITE LT-UNK] PLUG:1006 MA PLUNGER [ALUMINUM POWDER BM-1 | END | MAM | PHY]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: Inherently non-emitting source per LEED

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1. Pre-checked for LEED v4.1 Option 1.

Third Party Verified?

C Yes

No

PREPARER: Self-Prepared VERIFIER: VERIFICATION #: SCREENING DATE: 2022-12-08 PUBLISHED DATE: 2022-12-08 EXPIRY DATE: 2025-12-08 This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

| OUSING:1006-BLK | %: 29.0051 - 29.0051 | | | | |
|---------------------------|-------------------------------------|--------------|--------------------|---------------|---------------------------|
| RODUCT THRESHOLD: 1000 p | pm RESIDUALS AND IMPURIT | IES EVALUAT | ION COMPLETED: | Yes | MATERIAL TYPE: Metal |
| ESIDUALS AND IMPURITIES N | OTES: Residuals and Impurities were | considered a | nd determined to b | e below the 1 | 000 ppm threshold. |
| THER MATERIAL NOTES: | | | | | |
| IRON | | | | | ID: 7439-89 |
| HAZARD DATA SOURCE: Pha | aros Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8 | :03:59 |
| %: 66.4200 - 70.9200 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANC | E ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| END | TEDX - Potential Endocrine Dis | ruptors | Potential Endocr | ine Disruptor | |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
| | | | | | on Additional Hazard List |

| CHROMIUM, METALLIC | | | | ID: 7440-47-3 |
|----------------------|---------------------------------------|-----------|-------------------------------------|--|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:00 |
| %: 18.0000 - 20.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| SKI | МАК | | Sensitizing Subs | stance Sh - Danger of skin sensitization |
| GEN | GHS - Japan | | H341 - Suspecto mutagenicity - C | ed of causing genetic defects [Germ cell Category 2] |
| REP | GHS - New Zealand | | Reproductive to | exicity category 2 |
| МАМ | GHS - Japan | | - | se damage to organs [Specific target c toxicity following single exposure - |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Cosmetics & Personal Care Products |
| | | |
| | | |
| SUBSTANCE NOTES: | | |

| NICKEL | | | | ID: 7440-02-0 |
|---------------------|---------------------------------------|------------|---------------|-------------------------------|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SCF | REENING DATE: | 2022-12-08 8:04:01 |
| %: 8.0000 - 10.5000 | GreenScreen: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|---|---|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | МАК | Carcinogen Group 1 - Substances that cause cancer in man |
| CAN | IARC | Group 1 - Agent is Carcinogenic to humans |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | US NIH - Report on Carcinogens | Known to be a human Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| RES | МАК | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| CAN | GHS - New Zealand | Carcinogenicity category 2 |
| CAN | GHS - Japan | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| MAM | GHS - Japan | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| CAN | EU - Annex VI CMRs | Carcinogen Category 2 - Suspected human Carcinogen |
| SKI | GHS - New Zealand | Skin sensitisation category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - acute category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 1 |
| CAN | GHS - Australia | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Footwear, Apparel & Jewelry Products |
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes of Problematic Chemicals |
| | | Certain Metals |
| | | |

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|-------------|------|-------|
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| | | |

ID: 7439-96-5

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:03 |
|---------------------|--|-----------------|------------------------------------|--|
| %: 2.0000 - 2.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| MUL | German FEA - Substances Haza Waters | rdous to | Class 2 - Hazaro | d to Waters |
| REP | GHS - Japan | | H360 - May dam reproduction - C | nage fertility or the unborn child [Toxic to Category 1B] |
| МАМ | GHS - Japan | | | damage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1] |
| МАМ | GHS - Australia | GHS - Australia | | damage to organs through prolonged or ure [Specific target organ toxicity - ure - Category 1] |
| МАМ | GHS - Japan | | | damage to organs [Specific target c toxicity following single exposure - |
| AQU | GHS - New Zealand | | Hazardous to th category 3 | e aquatic environment - chronic |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |

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|---|----|----------|---|---|
| | _ | — | - | |

ID: 7440-21-3

| ALAND DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SC | REENING DATE: | 2022-12-08 8:04:04 |
|---------------------|---------------------------------------|-----------|---------------|---|
| %: 1.0000 - 1.0000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard Lis |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lis |

SUBSTANCE NOTES:

| GRAPHITE | | | | | ID: 7440-44-0 |
|------------------------|---------------------------------------|------------|------------------|----------------|---------------------------|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8: | :04:00 |
| %: 0.0800 - 0.0800 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANC | E ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| None found | | | No warr | nings found on | HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
| RESTRICTED LIST | Green Science Policy Institute (C | SPI) | GSPI - Six Class | es of Problema | atic Chemicals |
| | | | Antimicrobials | | |
| SUBSTANCE NOTES: | | | | | |
| | | | | | |
| KEEPER:1006-INSIDE | %: 15.6432 - 15.6432 | | | | |
| PRODUCT THRESHOLD: 100 | 0 ppm RESIDUALS AND IMPURITI | ES EVALUAT | ION COMPLETED: | Yes | MATERIAL TYPE: Metal |

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:01 |
|----------------------|---------------------------------------|-----------|------------------|---|
| %: 66.4200 - 70.9200 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoci | rine Disruptor |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lists |
| SUBSTANCE NOTES: | | | | |

| CHROMIUM, METALLIC | | | | ID: 7440-47-3 |
|----------------------|---|-----------|-------------------------------------|--|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:03 |
| %: 18.0000 - 20.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| SKI | MAK | | Sensitizing Subs | stance Sh - Danger of skin sensitization |
| GEN | GHS - Japan | | H341 - Suspecte mutagenicity - C | ed of causing genetic defects [Germ cell Category 2] |
| REP | GHS - New Zealand | | Reproductive to | xicity category 2 |
| МАМ | GHS - Japan | | - | se damage to organs [Specific target c toxicity following single exposure - |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Biological and E | invironmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Children's Produ | ucts |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Cosmetics & Pe | rsonal Care Products |

| NICKEL (METALLIC) | | | | | ID: 7440-02-0 |
|---------------------|---------------------------------------|-----------|---------------|--------------------|---------------|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SC | REENING DATE: | 2022-12-08 8:04:04 | |
| %: 8.0000 - 10.5000 | GreenScreen: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: | Alloy element |

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|--|---|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | МАК | Carcinogen Group 1 - Substances that cause cancer in man |
| CAN | IARC | Group 1 - Agent is Carcinogenic to humans |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | US NIH - Report on Carcinogens | Known to be a human Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| RES | МАК | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| CAN | GHS - New Zealand | Carcinogenicity category 2 |
| CAN | GHS - Japan | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| MAM | GHS - Japan | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| CAN | EU - Annex VI CMRs | Carcinogen Category 2 - Suspected human Carcinogen |
| SKI | GHS - New Zealand | Skin sensitisation category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - acute category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 1 |
| CAN | GHS - Australia | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Footwear, Apparel & Jewelry Products |
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes of Problematic Chemicals Certain Metals |

| MANGANESE | | | | ID: 7439-96-5 |
|---------------------|--|-----------|------------------------------------|--|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:06 |
| %: 2.0000 - 2.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| MUL | German FEA - Substances Haza Waters | ardous to | Class 2 - Hazard | d to Waters |
| REP | GHS - Japan | | H360 - May dam reproduction - C | nage fertility or the unborn child [Toxic to Category 1B] |
| МАМ | GHS - Japan | | repeated exposi | damage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1] |
| МАМ | GHS - Australia | | repeated exposi | damage to organs through prolonged or ure [Specific target organ toxicity - ure - Category 1] |
| МАМ | GHS - Japan | | | damage to organs [Specific target c toxicity following single exposure - |
| AQU | GHS - New Zealand | | Hazardous to th category 3 | e aquatic environment - chronic |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
|-----------------------|---|--------------|--------------------|---|
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | vation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Biological and E | nvironmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | vation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Children's Produ | icts |
| SUBSTANCE NOTES: | | | | |
| SILICON | | | | ID: 7440-21- 3 |
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:01 |
| %: 1.0000 - 1.0000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lists |
| SUBSTANCE NOTES: | | | | |
| | | | | |
| GRAPHITE | | | | ID: 7440-44-(|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:02 |
| %: 0.0800 - 0.0800 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| RESTRICTED LIST | Green Science Policy Institute (| GSPI) | GSPI - Six Class | es of Problematic Chemicals |
| | | | Antimicrobials | |
| SUBSTANCE NOTES: | | | | |
| SOLENOID: 1006-12/24 | %: 13.6000 | | | |
| PRODUCT THRESHOLD: 10 | 00 ppm RESIDUALS AND IMPURITIES E | VALUATION (| COMPLETED: Yes | MATERIAL TYPE: Electronic Compone |
| | ES NOTES: Posiduals and Impuritios work | considered o | nd datarminad to k | as below the 1000 pape threshold |

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

| SOLENOID | | | | ID: Electronic Componen |
|--|---|--|--|--|
| HAZARD DATA SOURCE: HP | DC Special Conditions Policy | | | |
| %: 100.0000 GreenSc | reen: Not Required RC | : None | NANO: No | MATERIAL ROLE: Electronic component |
| HAZARD TYPE | AGENCY AND LIST TITLES | | WARNINGS | |
| | Hazard Screening is not a | oplicable to thi | s Special Conditio | n |
| INGREDIENT DESCRIPTION: | Solenoid assembly for electronic co | mponent. | | |
| EU ROHS COMPLIANCE: Ye | S | | | |
| END-OF-LIFE MANAGEMEN | T: Standard Certified Takeback Prog | ram | | |
| MATERIAL CONTENT NOTES | 5: | | | |
| | | | | |
| | | | | |
| | | | | |
| | ., | | | |
| EEPER:1006 OUTSIDE- | %: 13.0360 - 13.0360 | | | |
| EEPER:1006 OUTSIDE- RODUCT THRESHOLD: 1000 p | | TIES EVALUAT | TION COMPLETED | : Yes MATERIAL TYPE: Metal |
| RODUCT THRESHOLD: 1000 p | | | | |
| RODUCT THRESHOLD: 1000 p | pm RESIDUALS AND IMPURI | | | |
| RODUCT THRESHOLD: 1000 p | pm RESIDUALS AND IMPURI | | | |
| RODUCT THRESHOLD: 1000 p ESIDUALS AND IMPURITIES N THER MATERIAL NOTES: IRON | pm RESIDUALS AND IMPURI | e considered a | and determined to | be below the 1000 ppm threshold. ID: 7439-89-6 |
| RODUCT THRESHOLD: 1000 p ESIDUALS AND IMPURITIES N THER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Ph | opm RESIDUALS AND IMPURI | e considered a | and determined to | be below the 1000 ppm threshold. ID: 7439-89-6 |
| RODUCT THRESHOLD: 1000 p ESIDUALS AND IMPURITIES N THER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Ph | aros Chemical and Materials Librar | e considered a | and determined to | be below the 1000 ppm threshold. ID: 7439-89-0 2022-12-08 8:04:03 |
| RODUCT THRESHOLD: 1000 p ESIDUALS AND IMPURITIES N THER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Ph %: 66.4200 - 70.9200 | aros Chemical and Materials Library GreenScreen: LT-P1 | e considered a y HAZARD S RC: None | and determined to CREENING DATE: NANO: No | be below the 1000 ppm threshold. ID: 7439-89-0 2022-12-08 8:04:03 SUBSTANCE ROLE: Alloy element |
| RODUCT THRESHOLD: 1000 p ESIDUALS AND IMPURITIES N THER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Ph %: 66.4200 - 70.9200 HAZARD TYPE | aros Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE | e considered a y HAZARD S RC: None | CREENING DATE: NANO: No WARNINGS | be below the 1000 ppm threshold. ID: 7439-89-0 2022-12-08 8:04:03 SUBSTANCE ROLE: Alloy element |
| RODUCT THRESHOLD: 1000 p ESIDUALS AND IMPURITIES N THER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Ph %: 66.4200 - 70.9200 HAZARD TYPE END | aros Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE TEDX - Potential Endocrine Dis | e considered a y HAZARD S RC: None | CREENING DATE: NANO: No WARNINGS Potential Endoor NOTIFICATION | be below the 1000 ppm threshold. ID: 7439-89-0 2022-12-08 8:04:03 SUBSTANCE ROLE: Alloy element |
| RODUCT THRESHOLD: 1000 p ESIDUALS AND IMPURITIES N THER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Ph %: 66.4200 - 70.9200 HAZARD TYPE END ADDITIONAL LISTINGS | aros Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE TEDX - Potential Endocrine Dis | e considered a y HAZARD S RC: None | CREENING DATE: NANO: No WARNINGS Potential Endoor NOTIFICATION | be below the 1000 ppm threshold. ID: 7439-89-0 2022-12-08 8:04:03 SUBSTANCE ROLE: Alloy element |
| RODUCT THRESHOLD: 1000 p ESIDUALS AND IMPURITIES N THER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Ph %: 66.4200 - 70.9200 HAZARD TYPE END ADDITIONAL LISTINGS None found | aros Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE TEDX - Potential Endocrine Dis | e considered a y HAZARD S RC: None | CREENING DATE: NANO: No WARNINGS Potential Endoor NOTIFICATION | be below the 1000 ppm threshold. ID: 7439-89-0 2022-12-08 8:04:03 SUBSTANCE ROLE: Alloy element |

%: 18.0000 - 20.0000

GreenScreen: LT-P1

RC: None NANO: No SUBSTANCE ROLE: Alloy element

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---------------------|--|---|
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| SKI | MAK | Sensitizing Substance Sh - Danger of skin sensitization |
| GEN | GHS - Japan | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2] |
| REP | GHS - New Zealand | Reproductive toxicity category 2 |
| МАМ | GHS - Japan | H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2] |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| | | |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| RESTRICTED LIST | | |
| RESTRICTED LIST | | Substances List (RSL) - Effective July 1, 2022 |
| | Institute (C2CPII) Cradle to Cradle Products Innovation | Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4 Product Standard Restricted |

| NICKEL (METALLIC) | | | | ID: 7440-02-0 |
|---------------------|---------------------------------------|------------|---------------|-------------------------------|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SCF | REENING DATE: | 2022-12-08 8:04:07 |
| %: 8.0000 - 10.5000 | GreenScreen: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|--|---|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | МАК | Carcinogen Group 1 - Substances that cause cancer in man |
| CAN | IARC | Group 1 - Agent is Carcinogenic to humans |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | US NIH - Report on Carcinogens | Known to be a human Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| RES | МАК | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| CAN | GHS - New Zealand | Carcinogenicity category 2 |
| CAN | GHS - Japan | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| МАМ | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| MAM | GHS - Japan | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| CAN | EU - Annex VI CMRs | Carcinogen Category 2 - Suspected human Carcinogen |
| SKI | GHS - New Zealand | Skin sensitisation category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - acute category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 1 |
| CAN | GHS - Australia | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Footwear, Apparel & Jewelry Products |
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes of Problematic Chemicals |
| | | Certain Metals |
| | | |

| NAN | IGAI | VESE. |
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| | | |

ID: 7439-96-5

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:03 |
|---------------------|--|----------|------------------------------------|--|
| %: 2.0000 - 2.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| MUL | German FEA - Substances Haza Waters | rdous to | Class 2 - Hazaro | d to Waters |
| REP | GHS - Japan | | H360 - May dam reproduction - C | nage fertility or the unborn child [Toxic to Category 1B] |
| МАМ | GHS - Japan | | repeated expos | damage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1] |
| МАМ | GHS - Australia | | repeated expos | damage to organs through prolonged or ure [Specific target organ toxicity - ure - Category 1] |
| МАМ | GHS - Japan | | | damage to organs [Specific target c toxicity following single exposure - |
| AQU | GHS - New Zealand | | Hazardous to th category 3 | e aquatic environment - chronic |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |

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| | _ | — | - | |

ID: 7440-21-3

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:05 |
|---------------------|---------------------------------------|-----------|----------------|---|
| %: 1.0000 - 1.0000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard Lis |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lis |

SUBSTANCE NOTES:

| GRAPHITE | | | | ID: 7440-44-0 |
|-------------------------|---------------------------------------|------------|------------------|--|
| HAZARD DATA SOURCE: F | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:06 |
| %: 0.0800 - 0.0800 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| RESTRICTED LIST | Green Science Policy Institute (C | SPI) | GSPI - Six Class | es of Problematic Chemicals |
| | | | Antimicrobials | |
| SUBSTANCE NOTES: | | | | |
| | | | | |
| PLATE:1006-GOOF | %: 5.2926 - 5.2926 | | | |
| PRODUCT THRESHOLD: 1000 | ppm RESIDUALS AND IMPURITI | ES EVALUAT | ION COMPLETED: | Yes MATERIAL TYPE: Metal |

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:08 |
|----------------------|---------------------------------------|-----------|-----------------|---|
| %: 99.2300 - 99.5800 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lists |
| | | | | |

MANGANESE ID: 7439-96-5 HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-12-08 8:04:10 %: 0.3000 - 0.6000 GreenScreen: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Alloy element HAZARD TYPE LIST NAME AND SOURCE WARNINGS END **TEDX - Potential Endocrine Disruptors** Potential Endocrine Disruptor MUL German FEA - Substances Hazardous to Class 2 - Hazard to Waters Waters REP GHS - Japan H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B] MAM GHS - Japan H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] MAM GHS - Australia H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity repeated exposure - Category 1] MAM GHS - Japan H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure -Category 1] AQU GHS - New Zealand Hazardous to the aquatic environment - chronic category 3 ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION RESTRICTED LIST Cradle to Cradle Products Innovation C2C Certified v4 Product Standard Restricted Institute (C2CPII) Substances List (RSL) - Effective July 1, 2022 **Biological and Environmentally Released Materials** RESTRICTED LIST Cradle to Cradle Products Innovation C2C Certified v4 Product Standard Restricted Institute (C2CPII) Substances List (RSL) - Effective July 1, 2022 **Children's Products** SUBSTANCE NOTES:

GRAPHITE

ID: 7440-44-0

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:07 |
|--|---|-----------|---|---|
| %: 0.0800 - 0.1300 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard List |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| RESTRICTED LIST | Green Science Policy Institute (C | SPI) | GSPI - Six Class | es of Problematic Chemicals |
| | | | Antimicrobials | |
| SUBSTANCE NOTES: | | | | |
| | | | | |
| PHOSPHORUS | | | | ID: 7723-14 |
| | | | | |
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:09 |
| | Pharos Chemical and Materials Library GreenScreen: BM-2 | HAZARD SO | CREENING DATE: NANO: No | 2022-12-08 8:04:09 SUBSTANCE ROLE: Alloy element |
| HAZARD DATA SOURCE: %: 0.0400 - 0.0400 HAZARD TYPE | | | | |
| %: 0.0400 - 0.0400 | GreenScreen: BM-2 | RC: None | NANO: No WARNINGS | |
| %: 0.0400 - 0.0400 HAZARD TYPE | GreenScreen: BM-2 LIST NAME AND SOURCE US EPA - EPCRA Extremely Haz | RC: None | NANO: No WARNINGS Extremely Hazar | SUBSTANCE ROLE: Alloy element |
| %: 0.0400 - 0.0400 HAZARD TYPE MAM | GreenScreen: BM-2 LIST NAME AND SOURCE US EPA - EPCRA Extremely Haz Substances | RC: None | NANO: No WARNINGS Extremely Hazar Specific target o | SUBSTANCE ROLE: Alloy element |
| %: 0.0400 - 0.0400 HAZARD TYPE MAM MAM | GreenScreen: BM-2 LIST NAME AND SOURCE US EPA - EPCRA Extremely Haz Substances GHS - New Zealand | RC: None | NANO: No WARNINGS Extremely Hazar Specific target of category 1 | SUBSTANCE ROLE: Alloy element dous Substances rgan toxicity - repeated exposure s category 1 |

| | | 1 |
|---------------------|--|--|
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 1 |
| MAM | Québec CSST - WHMIS 1988 | Class D1A - Very toxic material causing immediate and serious toxic effects |
| SKI | GHS - New Zealand | Skin corrosion category 1A |
| MAM | GHS - New Zealand | Acute dermal toxicity category 1 |
| MAM | GHS - New Zealand | Acute inhalation toxicity category 1 |
| MAM | GHS - New Zealand | Acute oral toxicity category 1 |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Cosmetics & Personal Care Products |

FLOOR: 1006 DFM UNIV

%: 4.4583 - 4.4583

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

| IRON | | | | ID: 7439-89-6 |
|----------------------|---------------------------------------|----------|-----------------|---|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:11 |
| %: 99.2300 - 99.5800 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lists |
| | | | | |

| MANGANESE | | | | ID: 7439-96-5 |
|---------------------|---|--|------------------------------------|--|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:13 |
| %: 0.3000 - 0.6000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| MUL | German FEA - Substances Haza Waters | azardous to Class 2 - Hazard to Waters | | d to Waters |
| REP | GHS - Japan | | H360 - May dam reproduction - C | nage fertility or the unborn child [Toxic to Category 1B] |
| MAM | GHS - Japan | | repeated expos | damage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1] |
| MAM | GHS - Australia | | repeated expos | damage to organs through prolonged or ure [Specific target organ toxicity - ure - Category 1] |
| MAM | GHS - Japan | | | damage to organs [Specific target c toxicity following single exposure - |
| AQU | GHS - New Zealand | | Hazardous to th category 3 | e aquatic environment - chronic |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | 4 Product Standard Restricted t (RSL) - Effective July 1, 2022 |
| | | | Biological and E | Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | 4 Product Standard Restricted t (RSL) - Effective July 1, 2022 |
| | | | Children's Produ | ucts |

GRAPHITE

ID: 7440-44-0

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:14 |
|---------------------|---------------------------------------|-----------|------------------|--|
| %: 0.0800 - 0.1300 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| RESTRICTED LIST | Green Science Policy Institute (C | GSPI) | GSPI - Six Class | es of Problematic Chemicals |
| | | | Antimicrobials | |

SUBSTANCE NOTES:

| PHOSPHORUS | | | | ID: 7723-14 | |
|---------------------|---|--|--------------------------------------|---|--|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:07 | |
| %: 0.0400 - 0.0400 | GreenScreen: BM-2 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element | |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| MAM | US EPA - EPCRA Extremely Haz Substances | US EPA - EPCRA Extremely Hazardous Substances | | rdous Substances | |
| MAM | GHS - New Zealand | GHS - New Zealand | | organ toxicity - repeated exposure | |
| PHY | GHS - New Zealand | GHS - New Zealand | | ds category 1 | |
| EYE | GHS - New Zealand | GHS - New Zealand | | Serious eye damage category 1 | |
| AQU | GHS - New Zealand | GHS - New Zealand | | Hazardous to the aquatic environment - acute category 1 | |
| AQU | GHS - New Zealand | GHS - New Zealand | | Hazardous to the aquatic environment - chronic category 1 | |
| МАМ | Québec CSST - WHMIS 1988 | Québec CSST - WHMIS 1988 | | Class D1A - Very toxic material causing immediate an serious toxic effects | |
| SKI | GHS - New Zealand | | Skin corrosion category 1A | | |
| MAM | GHS - New Zealand | | Acute dermal toxicity category 1 | | |
| MAM | GHS - New Zealand | | Acute inhalation toxicity category 1 | | |
| MAM | GHS - New Zealand | GHS - New Zealand | | ity category 1 | |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | LIST NAME AND SOURCE | | | |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | 4 Product Standard Restricted t (RSL) - Effective July 1, 2022 | |
| | | | Cosmetics & Pe | ersonal Care Products | |

BRACKET:1006-PIVOT

%: 3.3633 - 3.3633

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

| IRON | | | | ID: 7439-89-6 |
|----------------------|---------------------------------------|-----------|-----------------|---|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SC | REENING DATE: | 2022-12-08 8:04:08 |
| %: 66.4200 - 70.9200 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lists |
| | | | | |

| CHROMIUM, METALLIC | | | | ID: 7440-47-3 |
|----------------------|---------------------------------------|----------|-------------------------------------|---|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:11 |
| %: 18.0000 - 20.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | crine Disruptor |
| SKI | МАК | МАК | | stance Sh - Danger of skin sensitization |
| GEN | GHS - Japan | | H341 - Suspecto mutagenicity - C | ed of causing genetic defects [Germ cell Category 2] |
| REP | GHS - New Zealand | | Reproductive to | exicity category 2 |
| MAM | GHS - Japan | | - | se damage to organs [Specific target c toxicity following single exposure - |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Cosmetics & Personal Care Products |

| NICKEL (METALLIC) | | | | | ID: 7440-02-0 |
|---------------------|---------------------------------------|------------|---------------|----------------------|---------------|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SCR | REENING DATE: | 2022-12-08 8:04:13 | |
| %: 8.0000 - 10.5000 | GreenScreen: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: Allo | by element |

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|---|---|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | МАК | Carcinogen Group 1 - Substances that cause cancer in man |
| CAN | IARC | Group 1 - Agent is Carcinogenic to humans |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | US NIH - Report on Carcinogens | Known to be a human Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| RES | МАК | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| CAN | GHS - New Zealand | Carcinogenicity category 2 |
| CAN | GHS - Japan | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| МАМ | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| МАМ | GHS - Japan | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| CAN | EU - Annex VI CMRs | Carcinogen Category 2 - Suspected human Carcinogen |
| SKI | GHS - New Zealand | Skin sensitisation category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - acute category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 1 |
| CAN | GHS - Australia | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Footwear, Apparel & Jewelry Products |
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes of Problematic Chemicals |
| | | Certain Metals |
| | | |

| NAN | IGAI | VESE. |
|-----|------|-------|
| | | |

ID: 7439-96-5

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:14 |
|---------------------|--|-------------|------------------------------------|--|
| %: 2.0000 - 2.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| MUL | German FEA - Substances Haza Waters | rdous to | Class 2 - Hazaro | to Waters |
| REP | GHS - Japan | | H360 - May dan reproduction - C | nage fertility or the unborn child [Toxic to Category 1B] |
| МАМ | GHS - Japan | GHS - Japan | | damage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1] |
| МАМ | GHS - Australia | | repeated expos | damage to organs through prolonged or ure [Specific target organ toxicity - ure - Category 1] |
| МАМ | GHS - Japan | | | damage to organs [Specific target c toxicity following single exposure - |
| AQU | GHS - New Zealand | | Hazardous to th category 3 | e aquatic environment - chronic |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |

| CIL | |
|-----|--|
| SIL | |
| | |

ID: 7440-21-3

| AZARD DATA SOURCE: | Pharos Chemical and Materials Library | RAZARD SU | REENING DATE: | 2022-12-08 8:04:08 |
|---------------------------|---------------------------------------|-----------|---------------|---|
| %: 1.0000 - 1.0000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard Lis |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lis |

SUBSTANCE NOTES:

| GRAPHITE | | | | | ID: 7440-44-0 |
|------------------------|---------------------------------------|------------|------------------|----------------|---------------------------|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8: | 04:11 |
| %: 0.0800 - 0.0800 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANC | E ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| None found | | | No warr | nings found on | HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
| RESTRICTED LIST | Green Science Policy Institute (C | GSPI) | GSPI - Six Class | es of Problema | tic Chemicals |
| | | | Antimicrobials | | |
| SUBSTANCE NOTES: | | | | | |
| | | | | | |
| SHIM: 1006 KEEPER | %: 3.0765 - 3.0765 | | | | |
| PRODUCT THRESHOLD: 100 | 00 ppm RESIDUALS AND IMPURITI | ES EVALUAT | ION COMPLETED: | Yes | MATERIAL TYPE: Metal |

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:13 |
|----------------------|---------------------------------------|-----------|-----------------|---|
| %: 66.4200 - 70.9200 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lists |
| SUBSTANCE NOTES: | | | | |

| CHROMIUM, METALLIC | | | | ID: 7440-47-3 |
|----------------------|---|-----------|-------------------------------------|--|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:15 |
| %: 18.0000 - 20.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| SKI | МАК | | Sensitizing Subs | stance Sh - Danger of skin sensitization |
| GEN | GHS - Japan | | H341 - Suspecte mutagenicity - C | ed of causing genetic defects [Germ cell Category 2] |
| REP | GHS - New Zealand | | Reproductive to | xicity category 2 |
| МАМ | GHS - Japan | | - | se damage to organs [Specific target c toxicity following single exposure - |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | vation | | 4 Product Standard Restricted t (RSL) - Effective July 1, 2022 |
| | | | Biological and E | Invironmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | vation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Children's Produ | ucts |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | vation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Cosmetics & Pe | rsonal Care Products |

| NICKEL (METALLIC) | | | | | ID: 7440-02-0 |
|---------------------|---------------------------------------|------------|---------------|--------------------|---------------|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SCI | REENING DATE: | 2022-12-08 8:04:17 | |
| %: 8.0000 - 10.5000 | GreenScreen: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: | Alloy element |

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|---|---|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | МАК | Carcinogen Group 1 - Substances that cause cancer in man |
| CAN | IARC | Group 1 - Agent is Carcinogenic to humans |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | US NIH - Report on Carcinogens | Known to be a human Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| RES | МАК | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| CAN | GHS - New Zealand | Carcinogenicity category 2 |
| CAN | GHS - Japan | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| MAM | GHS - Japan | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| CAN | EU - Annex VI CMRs | Carcinogen Category 2 - Suspected human Carcinogen |
| SKI | GHS - New Zealand | Skin sensitisation category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - acute category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 1 |
| CAN | GHS - Australia | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Footwear, Apparel & Jewelry Products |
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes of Problematic Chemicals Certain Metals |

| MANGANESE | | | | ID: 7439-96-5 |
|---------------------|--|----------|------------------------------------|--|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:09 |
| %: 2.0000 - 2.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| MUL | German FEA - Substances Haza Waters | rdous to | Class 2 - Hazard | to Waters |
| REP | GHS - Japan | | H360 - May dam reproduction - C | nage fertility or the unborn child [Toxic to Category 1B] |
| МАМ | GHS - Japan | | repeated exposit | damage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1] |
| МАМ | GHS - Australia | | repeated exposi | damage to organs through prolonged or ure [Specific target organ toxicity - ure - Category 1] |
| МАМ | GHS - Japan | | | damage to organs [Specific target c toxicity following single exposure - |
| AQU | GHS - New Zealand | | Hazardous to th category 3 | e aquatic environment - chronic |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
|-----------------------|---|--|------------------|--|-------------------|
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | Cradle to Cradle Products InnovationC2C Certified v4 Product Standard RestrictedInstitute (C2CPII)Substances List (RSL) - Effective July 1, 2022 | | | |
| | | | Biological and E | nvironmentally Released | Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Rest (RSL) - Effective July 1, | |
| | | | Children's Produ | ucts | |
| SUBSTANCE NOTES: | | | | | |
| SILICON | | | | | ID: 7440-21-3 |
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:11 | |
| %: 1.0000 - 1.0000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: | Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| None found | | | No war | nings found on HPD Prio | rity Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
| None found | | | No | listings found on Additio | nal Hazard Lists |
| SUBSTANCE NOTES: | | | | | |
| GRAPHITE | | | | | ID: 7440-44-0 |
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:13 | |
| %: 0.0800 - 0.0800 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: | Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| None found | | | No war | nings found on HPD Prio | rity Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
| RESTRICTED LIST | Green Science Policy Institute (| GSPI) | GSPI - Six Class | ses of Problematic Chem | icals |
| | | | Antimicrobials | | |
| SUBSTANCE NOTES: | | | | | |
| KIT:MOLEX PIGTAIL 12 | %: 2.3465 | | | | |
| PRODUCT THRESHOLD: 10 | 00 ppm RESIDUALS AND IMPURITIES E | VALUATION | COMPLETED: Yes | MATERIAL TYPE: Elec | ctronic Componer |
| ESIDUALS AND IMPURITI | ES NOTES: Residuals and Impurities were | considered a | nd determined to | be below the 1000 ppm t | hreshold. |
| | | | | | |

| PIGTAIL CONNECTOR | | | | ID: Electronic Component |
|---|---|-----------------|---|---|
| HAZARD DATA SOURCE: HF | PDC Special Conditions Policy | | | |
| %: 100.0000 GreenSo | creen: Not Required RC | : None | NANO: No | MATERIAL ROLE: Electronic component |
| HAZARD TYPE | AGENCY AND LIST TITLES | | WARNINGS | |
| | Hazard Screening is not ap | plicable to thi | is Special Conditio | on |
| INGREDIENT DESCRIPTION | l: Connectors for electronic componer | nts. | | |
| EU ROHS COMPLIANCE: Ye | es | | | |
| END-OF-LIFE MANAGEMEN | IT: Standard Certified Takeback Progr | am | | |
| MATERIAL CONTENT NOTE | S: | | | |
| | | | | |
| | | | | |
| | | | | |
| PIN:1006-SPRING-DFM | %: 1.1826 - 1.1826 | | | |
| | | TIES EVALUAT | | D: Yes MATERIAL TYPE: Metal |
| PIN:1006-SPRING-DFM PRODUCT THRESHOLD: 1000 p RESIDUALS AND IMPURITIES N | | | | |
| PRODUCT THRESHOLD: 1000 p | ppm RESIDUALS AND IMPURI | | | |
| PRODUCT THRESHOLD: 1000 p RESIDUALS AND IMPURITIES N OTHER MATERIAL NOTES: | ppm RESIDUALS AND IMPURI | | | be below the 1000 ppm threshold. |
| PRODUCT THRESHOLD: 1000 p RESIDUALS AND IMPURITIES N OTHER MATERIAL NOTES: | ppm RESIDUALS AND IMPURI | e considered a | and determined to | be below the 1000 ppm threshold. ID: 7439-89-6 |
| PRODUCT THRESHOLD: 1000 p RESIDUALS AND IMPURITIES N OTHER MATERIAL NOTES: | ppm RESIDUALS AND IMPURI | e considered a | and determined to | be below the 1000 ppm threshold. ID: 7439-89-6 |
| PRODUCT THRESHOLD: 1000 p RESIDUALS AND IMPURITIES N DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Ph | ppm RESIDUALS AND IMPURI | e considered a | and determined to | be below the 1000 ppm threshold. ID: 7439-89-6 : 2022-12-08 8:04:15 |
| PRODUCT THRESHOLD: 1000 p RESIDUALS AND IMPURITIES N DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Ph %: 66.4200 - 70.9200 | ppm RESIDUALS AND IMPURIT NOTES: Residuals and Impurities were naros Chemical and Materials Library GreenScreen: LT-P1 | e considered a | and determined to CREENING DATE NANO: No | be below the 1000 ppm threshold. ID: 7439-89-6 : 2022-12-08 8:04:15 SUBSTANCE ROLE: Alloy element |
| PRODUCT THRESHOLD: 1000 p RESIDUALS AND IMPURITIES N DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Ph %: 66.4200 - 70.9200 HAZARD TYPE | ppm RESIDUALS AND IMPURIT NOTES: Residuals and Impurities were naros Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE | e considered a | CREENING DATE NANO: No WARNINGS | be below the 1000 ppm threshold. ID: 7439-89-6 : 2022-12-08 8:04:15 SUBSTANCE ROLE: Alloy element crine Disruptor |
| PRODUCT THRESHOLD: 1000 p RESIDUALS AND IMPURITIES N DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Ph %: 66.4200 - 70.9200 HAZARD TYPE END | ppm RESIDUALS AND IMPURIT NOTES: Residuals and Impurities were naros Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE TEDX - Potential Endocrine Dis | e considered a | CREENING DATE NANO: No WARNINGS Potential Endo NOTIFICATION | be below the 1000 ppm threshold. ID: 7439-89-6 : 2022-12-08 8:04:15 SUBSTANCE ROLE: Alloy element crine Disruptor |
| PRODUCT THRESHOLD: 1000 p RESIDUALS AND IMPURITIES N DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Ph %: 66.4200 - 70.9200 HAZARD TYPE END ADDITIONAL LISTINGS | ppm RESIDUALS AND IMPURIT NOTES: Residuals and Impurities were naros Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE TEDX - Potential Endocrine Dis | e considered a | CREENING DATE NANO: No WARNINGS Potential Endo NOTIFICATION | be below the 1000 ppm threshold. ID: 7439-89-6 : 2022-12-08 8:04:15 SUBSTANCE ROLE: Alloy element crine Disruptor |
| PRODUCT THRESHOLD: 1000 p RESIDUALS AND IMPURITIES N DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Ph %: 66.4200 - 70.9200 HAZARD TYPE END ADDITIONAL LISTINGS None found | ppm RESIDUALS AND IMPURIT NOTES: Residuals and Impurities were naros Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE TEDX - Potential Endocrine Dis | e considered a | CREENING DATE NANO: No WARNINGS Potential Endo NOTIFICATION | be below the 1000 ppm threshold. ID: 7439-89-6 : 2022-12-08 8:04:15 SUBSTANCE ROLE: Alloy element crine Disruptor |

GreenScreen: LT-P1

RC: None NANO: No SUBSTANCE ROLE: Alloy element

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---------------------|--|---|
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| SKI | MAK | Sensitizing Substance Sh - Danger of skin sensitization |
| GEN | GHS - Japan | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2] |
| REP | GHS - New Zealand | Reproductive toxicity category 2 |
| МАМ | GHS - Japan | H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2] |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| | | |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| RESTRICTED LIST | | |
| RESTRICTED LIST | | Substances List (RSL) - Effective July 1, 2022 |
| | Institute (C2CPII) Cradle to Cradle Products Innovation | Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4 Product Standard Restricted |

| NICKEL (METALLIC) | | | | ID: 74 | 440-02-0 |
|---------------------|---------------------------------------|------------|---------------|----------------------------|----------|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SCR | REENING DATE: | 2022-12-08 8:04:10 | |
| %: 8.0000 - 10.5000 | GreenScreen: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy eler | ment |

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|--|---|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | МАК | Carcinogen Group 1 - Substances that cause cancer in man |
| CAN | IARC | Group 1 - Agent is Carcinogenic to humans |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | US NIH - Report on Carcinogens | Known to be a human Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| RES | МАК | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| CAN | GHS - New Zealand | Carcinogenicity category 2 |
| CAN | GHS - Japan | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| МАМ | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| MAM | GHS - Japan | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| CAN | EU - Annex VI CMRs | Carcinogen Category 2 - Suspected human Carcinogen |
| SKI | GHS - New Zealand | Skin sensitisation category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - acute category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 1 |
| CAN | GHS - Australia | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Footwear, Apparel & Jewelry Products |
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes of Problematic Chemicals |
| | | Certain Metals |
| | | |

| NAN | IGAI | VESE. |
|-----|------|-------|
| | | |

ID: 7439-96-5

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SCREENING DATE: | | 2022-12-08 8:04:12 | | |
|---------------------|--|--|------------------------------------|---|--|--|
| %: 2.0000 - 2.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element | | |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor | | |
| MUL | German FEA - Substances Haza Waters | azardous to Class 2 - Hazard to Waters | | to Waters | | |
| REP | GHS - Japan | | H360 - May dam reproduction - C | nage fertility or the unborn child [Toxic to Category 1B] | | |
| МАМ | GHS - Japan | GHS - Japan | | damage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1] | | |
| МАМ | GHS - Australia | repeated e | | damage to organs through prolonged or ure [Specific target organ toxicity - ure - Category 1] | | |
| МАМ | GHS - Japan | an | | GHS - Japan H370 - Causes damage to organs [Specific targe organs/systemic toxicity following single exposu Category 1] | | |
| AQU | GHS - New Zealand | | Hazardous to th category 3 | e aquatic environment - chronic | | |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |

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ID: 7440-21-3

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SC | CREENING DATE: | 2022-12-08 8:04:14 |
|---------------------|---------------------------------------|-----------|----------------|---|
| %: 1.0000 - 1.0000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard Lis |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lis |

SUBSTANCE NOTES:

| GRAPHITE | | | | ID: 7440-44-0 |
|-------------------------|---------------------------------------|------------|------------------|--|
| HAZARD DATA SOURCE: F | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:16 |
| %: 0.0800 - 0.0800 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| RESTRICTED LIST | Green Science Policy Institute (C | SPI) | GSPI - Six Class | es of Problematic Chemicals |
| | | | Antimicrobials | |
| SUBSTANCE NOTES: | | | | |
| | | | | |
| PLUNGER:1006 MAG FAI | %: 0.9402 - 0.9402 | | | |
| PRODUCT THRESHOLD: 1000 | D ppm RESIDUALS AND IMPURITI | ES EVALUAT | ION COMPLETED: | Yes MATERIAL TYPE: Metal |

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

| HAZARD DATA SOURCE: P | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:18 |
|-----------------------|---------------------------------------|-----------|------------------|---|
| %: 66.4200 - 70.9200 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoci | rine Disruptor |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lists |
| SUBSTANCE NOTES: | | | | |

| CHROMIUM, | METALLIC |
|-----------|----------|

ID: 7440-47-3

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SCREENING DATE: 2022-12-08 8:04:12 |
|----------------------|---|---|
| %: 18.0000 - 20.0000 | GreenScreen: LT-P1 | RC: None NANO: No SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
| END | TEDX - Potential Endocrine Disr | uptors Potential Endocrine Disruptor |
| SKI | МАК | Sensitizing Substance Sh - Danger of skin sensitization |
| GEN | GHS - Japan | H341 - Suspected of causing genetic defects [Germ cel mutagenicity - Category 2] |
| REP | GHS - New Zealand | Reproductive toxicity category 2 |
| МАМ | GHS - Japan | H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2] |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| | Cradle to Cradle Products Innov | |
| RESTRICTED LIST | Institute (C2CPII) | ation C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| RESTRICTED LIST | Institute (C2CPII) | |
| RESTRICTED LIST | Institute (C2CPII) Cradle to Cradle Products Innov Institute (C2CPII) | Substances List (RSL) - Effective July 1, 2022 Children's Products |

| NICKEL (METALLIC) | | | | | ID: 7440-02-0 |
|---------------------|---------------------------------------|-----------|---------------|--------------------|---------------|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SC | REENING DATE: | 2022-12-08 8:04:15 | |
| %: 8.0000 - 10.5000 | GreenScreen: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: | Alloy element |

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|---|---|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | МАК | Carcinogen Group 1 - Substances that cause cancer in man |
| CAN | IARC | Group 1 - Agent is Carcinogenic to humans |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | US NIH - Report on Carcinogens | Known to be a human Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| RES | МАК | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| CAN | GHS - New Zealand | Carcinogenicity category 2 |
| CAN | GHS - Japan | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| МАМ | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| MAM | GHS - Japan | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| CAN | EU - Annex VI CMRs | Carcinogen Category 2 - Suspected human Carcinogen |
| SKI | GHS - New Zealand | Skin sensitisation category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - acute category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 1 |
| CAN | GHS - Australia | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Footwear, Apparel & Jewelry Products |
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes of Problematic Chemicals Certain Metals |

| MANGANESE | | | | ID: 7439-96-5 | |
|---------------------|--|--|--|--|--|
| HAZARD DATA SOURCE: | HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZ/ | | ARD SCREENING DATE: 2022-12-08 8:04:17 | | |
| %: 2.0000 - 2.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element | |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| END | TEDX - Potential Endocrine Disr | TEDX - Potential Endocrine Disruptors | | rine Disruptor | |
| MUL | German FEA - Substances Haza Waters | German FEA - Substances Hazardous to Waters | | d to Waters | |
| REP | GHS - Japan | GHS - Japan | | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B] | |
| МАМ | GHS - Japan | GHS - Japan | | damage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1] | |
| МАМ | GHS - Australia | GHS - Australia | | damage to organs through prolonged or ure [Specific target organ toxicity - ure - Category 1] | |
| МАМ | GHS - Japan | GHS - Japan | | damage to organs [Specific target c toxicity following single exposure - | |
| AQU | GHS - New Zealand | | Hazardous to th category 3 | e aquatic environment - chronic | |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
|------------------------|--|-----------|--|---|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 | |
| | | | Biological and E | nvironmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Children's Produ | ucts |
| SUBSTANCE NOTES: | | | | |
| SILICON | | | | ID: 7440-2 1 |
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:19 |
| %: 1.0000 - 1.0000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard List |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard List |
| SUBSTANCE NOTES: | | | | |
| GRAPHITE | | | | ID: 7440-4 4 |
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:21 |
| %: 0.0800 - 0.0800 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard List |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| RESTRICTED LIST | Green Science Policy Institute (| GSPI) | GSPI - Six Class | es of Problematic Chemicals |
| | | | Antimicrobials | |
| SUBSTANCE NOTES: | | | | |
| | %: 0.7822 | | | |
| VIRE:4 WIRE PIGTAIL | /0.011022 | | | |
| | 00 ppm RESIDUALS AND IMPURITIES E | VALUATION | COMPLETED: Yes | MATERIAL TYPE: Electronic Compor |
| PRODUCT THRESHOLD: 100 | | | | |

| ELECTRONIC WIRE | | | | ID: Ele | ctronic Component |
|--|--|---|--|---|-------------------------------|
| HAZARD DATA SOURCE: HPI | OC Special Conditions Policy | | | | |
| %: 100.0000 GreenScr | reen: Not Required | C: None | NANO: No | MATERIAL ROLE: Elect | ronic component |
| HAZARD TYPE | AGENCY AND LIST TITLES | | WARNINGS | | |
| | Hazard Screening is not | applicable to th | is Special Conditic | n | |
| INGREDIENT DESCRIPTION: | Electronic wire. | | | | |
| EU ROHS COMPLIANCE: Yes | | | | | |
| END-OF-LIFE MANAGEMENT | Standard Certified Takeback Pro | gram | | | |
| MATERIAL CONTENT NOTES | : | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| PRING:1006-KEEPER-R | %: 0.4636 - 0.4636 | | | | |
| | | RITIES EVALUA | TION COMPLETED |): Yes MATE | RIAL TYPE: Metal |
| PRODUCT THRESHOLD: 1000 pp | m RESIDUALS AND IMPU | | | | RIAL TYPE: Metal |
| | | | | | |
| PRODUCT THRESHOLD: 1000 pp | m RESIDUALS AND IMPU | | | | |
| PRODUCT THRESHOLD: 1000 pp | m RESIDUALS AND IMPU | | | | |
| PRODUCT THRESHOLD: 1000 pp RESIDUALS AND IMPURITIES NO DTHER MATERIAL NOTES: | m RESIDUALS AND IMPU | ere considered | and determined to | be below the 1000 ppr | n threshold. |
| PRODUCT THRESHOLD: 1000 pp RESIDUALS AND IMPURITIES NO DTHER MATERIAL NOTES: | om RESIDUALS AND IMPUE | ere considered | and determined to | be below the 1000 ppr | n threshold. ID: 7439-89-6 |
| PRODUCT THRESHOLD: 1000 pp RESIDUALS AND IMPURITIES NO DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Pha | om RESIDUALS AND IMPUR OTES: Residuals and Impurities wa | ere considered | and determined to | be below the 1000 ppr 2022-12-08 8:04:12 | n threshold. ID: 7439-89-6 |
| PRODUCT THRESHOLD: 1000 pp RESIDUALS AND IMPURITIES NO OTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Pha %: 66.4200 - 70.9200 | OTES: Residuals and Impurities was orros Chemical and Materials Libra GreenScreen: LT-P1 | ere considered a ry HAZARD S RC: None | and determined to SCREENING DATE: NANO: No | be below the 1000 ppr 2022-12-08 8:04:12 SUBSTANCE ROLE | n threshold. ID: 7439-89-6 |
| PRODUCT THRESHOLD: 1000 pp RESIDUALS AND IMPURITIES NO DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Pha %: 66.4200 - 70.9200 HAZARD TYPE | DTES: Residuals and Impurities was orros Chemical and Materials Libra GreenScreen: LT-P1 LIST NAME AND SOURCE | ere considered a ry HAZARD S RC: None | and determined to SCREENING DATE: NANO: No WARNINGS | be below the 1000 ppr 2022-12-08 8:04:12 SUBSTANCE ROLE | n threshold. ID: 7439-89-6 |
| PRODUCT THRESHOLD: 1000 pp RESIDUALS AND IMPURITIES NO DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Pha %: 66.4200 - 70.9200 HAZARD TYPE END | OM RESIDUALS AND IMPUR OTES: Residuals and Impurities wa aros Chemical and Materials Libra GreenScreen: LT-P1 LIST NAME AND SOURCE TEDX - Potential Endocrine I | ere considered a ry HAZARD S RC: None | and determined to SCREENING DATE: NANO: No WARNINGS Potential Endoor NOTIFICATION | be below the 1000 ppr 2022-12-08 8:04:12 SUBSTANCE ROLE | n threshold. ID: 7439-89-6 |
| PRODUCT THRESHOLD: 1000 pp RESIDUALS AND IMPURITIES NO DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Pha %: 66.4200 - 70.9200 HAZARD TYPE END ADDITIONAL LISTINGS | OM RESIDUALS AND IMPUR OTES: Residuals and Impurities wa aros Chemical and Materials Libra GreenScreen: LT-P1 LIST NAME AND SOURCE TEDX - Potential Endocrine I | ere considered a ry HAZARD S RC: None | and determined to SCREENING DATE: NANO: No WARNINGS Potential Endoor NOTIFICATION | be below the 1000 ppr 2022-12-08 8:04:12 SUBSTANCE ROLE | n threshold. ID: 7439-89-6 |
| PRODUCT THRESHOLD: 1000 pp RESIDUALS AND IMPURITIES NO DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Pha %: 66.4200 - 70.9200 HAZARD TYPE END ADDITIONAL LISTINGS None found | OM RESIDUALS AND IMPUR OTES: Residuals and Impurities wa aros Chemical and Materials Libra GreenScreen: LT-P1 LIST NAME AND SOURCE TEDX - Potential Endocrine I | ere considered a ry HAZARD S RC: None | and determined to SCREENING DATE: NANO: No WARNINGS Potential Endoor NOTIFICATION | be below the 1000 ppr 2022-12-08 8:04:12 SUBSTANCE ROLE | n threshold. ID: 7439-89-6 |
| PRODUCT THRESHOLD: 1000 pp RESIDUALS AND IMPURITIES NO DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Pha %: 66.4200 - 70.9200 HAZARD TYPE END ADDITIONAL LISTINGS None found | OM RESIDUALS AND IMPUR OTES: Residuals and Impurities wa aros Chemical and Materials Libra GreenScreen: LT-P1 LIST NAME AND SOURCE TEDX - Potential Endocrine I | ere considered a ry HAZARD S RC: None | and determined to SCREENING DATE: NANO: No WARNINGS Potential Endoor NOTIFICATION | be below the 1000 ppr 2022-12-08 8:04:12 SUBSTANCE ROLE | n threshold. ID: 7439-89-6 |

%: 18.0000 - 20.0000

GreenScreen: LT-P1

RC: None NANO: No SUBSTANCE ROLE: Alloy element

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---------------------|--|---|
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| SKI | МАК | Sensitizing Substance Sh - Danger of skin sensitization |
| GEN | GHS - Japan | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2] |
| REP | GHS - New Zealand | Reproductive toxicity category 2 |
| МАМ | GHS - Japan | H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2] |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION C2C Certified v4 Product Standard Restricted |
| RESTRICTED LIST | Institute (C2CPII) | Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation | COC Contified v4 Decelvet Standard Destricted |
| RESTRICTED LIST | Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| RESTRICTED LIST | | |
| RESTRICTED LIST | | Substances List (RSL) - Effective July 1, 2022 |
| | Institute (C2CPII) Cradle to Cradle Products Innovation | Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4 Product Standard Restricted |

| NICKEL (METALLIC) | | | | I | D: 7440-02-0 |
|---------------------|---------------------------------------|------------|--------------|-----------------------|--------------|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SCR | EENING DATE: | 2022-12-08 8:04:17 | |
| %: 8.0000 - 10.5000 | GreenScreen: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy | element |

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|--|---|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | МАК | Carcinogen Group 1 - Substances that cause cancer in man |
| CAN | IARC | Group 1 - Agent is Carcinogenic to humans |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | US NIH - Report on Carcinogens | Known to be a human Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| RES | МАК | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| CAN | GHS - New Zealand | Carcinogenicity category 2 |
| CAN | GHS - Japan | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| MAM | GHS - Japan | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| CAN | EU - Annex VI CMRs | Carcinogen Category 2 - Suspected human Carcinogen |
| SKI | GHS - New Zealand | Skin sensitisation category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - acute category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 1 |
| CAN | GHS - Australia | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Footwear, Apparel & Jewelry Products |
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes of Problematic Chemicals |
| | | Certain Metals |
| | | |

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| | | |

ID: 7439-96-5

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SCREENING DATE: | | 2022-12-08 8:04:19 |
|---------------------|--|--|----------------------------|--|
| %: 2.0000 - 2.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | TEDX - Potential Endocrine Disruptors | | rine Disruptor |
| MUL | German FEA - Substances Haza Waters | azardous to Class 2 - Hazard to Waters | | to Waters |
| REP | GHS - Japan | GHS - Japan | | nage fertility or the unborn child [Toxic to Category 1B] |
| МАМ | GHS - Japan | GHS - Japan | | damage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1] |
| МАМ | GHS - Australia | GHS - Australia | | damage to organs through prolonged or ure [Specific target organ toxicity - ure - Category 1] |
| МАМ | GHS - Japan | GHS - Japan | | damage to organs [Specific target c toxicity following single exposure - |
| AQU | GHS - New Zealand | | Hazardous to th category 3 | e aquatic environment - chronic |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |

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| | _ | — | - | |

ID: 7440-21-3

| IAZARD DATA SOURCE: F | Pharos Chemical and Materials Library | HAZARD SC | REENING DATE: | 2022-12-08 8:04:21 |
|-----------------------|---------------------------------------|-----------|---------------|---|
| %: 1.0000 - 1.0000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard Lis |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lis |

SUBSTANCE NOTES:

h

| GRAPHITE | | | | ID: 7440-44- |
|------------------------|---------------------------------------|------------|------------------|--|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:16 |
| %: 0.0800 - 0.0800 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| RESTRICTED LIST | Green Science Policy Institute (C | SPI) | GSPI - Six Class | ses of Problematic Chemicals |
| | | | Antimicrobials | |
| SUBSTANCE NOTES: | | | | |
| | | | | |
| PIN:1006 VAVE HINGE | %: 0.3903 - 0.3903 | | | |
| PRODUCT THRESHOLD: 100 | 0 ppm RESIDUALS AND IMPURITI | ES EVALUAT | ION COMPLETED: | Yes MATERIAL TYPE: Metal |

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:18 |
|----------------------|---------------------------------------|-----------|-----------------|---|
| %: 66.4200 - 70.9200 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lists |
| SUBSTANCE NOTES: | | | | |

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:21 |
|----------------------|---|-----------|-------------------------------------|--|
| %: 18.0000 - 20.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| SKI | МАК | | Sensitizing Subs | stance Sh - Danger of skin sensitization |
| GEN | GHS - Japan | | H341 - Suspecte mutagenicity - C | ed of causing genetic defects [Germ ce Category 2] |
| REP | GHS - New Zealand | | Reproductive to | xicity category 2 |
| МАМ | GHS - Japan | | - | se damage to organs [Specific target toxicity following single exposure - |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Biological and E | nvironmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Children's Produ | ucts |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| RESTRICTED LIST | Institute (G2GFII) | | | |

| NICKEL | | | | | ID: 7440-02-0 |
|---------------------|---------------------------------------|-----------|---------------|--------------------|---------------|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SC | REENING DATE: | 2022-12-08 8:04:23 | |
| %: 8.0000 - 10.5000 | GreenScreen: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: | Alloy element |

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|--|---|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | МАК | Carcinogen Group 1 - Substances that cause cancer in man |
| CAN | IARC | Group 1 - Agent is Carcinogenic to humans |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | US NIH - Report on Carcinogens | Known to be a human Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| RES | МАК | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| CAN | GHS - New Zealand | Carcinogenicity category 2 |
| CAN | GHS - Japan | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| MAM | GHS - Japan | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| CAN | EU - Annex VI CMRs | Carcinogen Category 2 - Suspected human Carcinogen |
| SKI | GHS - New Zealand | Skin sensitisation category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - acute category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 1 |
| CAN | GHS - Australia | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Footwear, Apparel & Jewelry Products |
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes of Problematic Chemicals Certain Metals |

| MANGANESE | | | | ID: 7439-96-5 |
|---------------------|--|----------|------------------------------------|--|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:25 |
| %: 2.0000 - 2.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| MUL | German FEA - Substances Haza Waters | rdous to | Class 2 - Hazard | d to Waters |
| REP | GHS - Japan | | H360 - May dam reproduction - C | nage fertility or the unborn child [Toxic to Category 1B] |
| МАМ | GHS - Japan | | repeated exposit | damage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1] |
| МАМ | GHS - Australia | | repeated exposit | damage to organs through prolonged or ure [Specific target organ toxicity - ure - Category 1] |
| МАМ | GHS - Japan | | | damage to organs [Specific target c toxicity following single exposure - |
| AQU | GHS - New Zealand | | Hazardous to th category 3 | e aquatic environment - chronic |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
|--|--|-----------------------|---|---|------------------------|
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Restricted (RSL) - Effective July 1, 2022 | |
| | | | Biological and E | nvironmentally Released Materia | als |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Restricted (RSL) - Effective July 1, 2022 | |
| | | | Children's Produ | ucts | |
| SUBSTANCE NOTES: | | | | | |
| SILICON | | | | ID: 7 | 7440-21-3 |
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SC | CREENING DATE: | 2022-12-08 8:04:17 | |
| %: 1.0000 - 1.0000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy ele | ement |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| None found | | | No warr | nings found on HPD Priority Haz | ard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
| None found | | | No | listings found on Additional Haz | ard Lists |
| SUBSTANCE NOTES: | | | | | |
| | | | | | |
| GRAPHITE | | | | | 7782-42-5 |
| | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | | 7782-42-5 |
| | Pharos Chemical and Materials Library GreenScreen: LT-UNK | HAZARD SC RC: None | CREENING DATE: NANO: No | | |
| HAZARD DATA SOURCE: | | | | 2022-12-08 8:04:19 | |
| HAZARD DATA SOURCE: %: 0.0800 - 0.0800 | GreenScreen: LT-UNK | | NANO: No WARNINGS | 2022-12-08 8:04:19 | ement |
| HAZARD DATA SOURCE: %: 0.0800 - 0.0800 HAZARD TYPE | GreenScreen: LT-UNK | | NANO: No WARNINGS | 2022-12-08 8:04:19 SUBSTANCE ROLE: Alloy ele | ement |
| HAZARD DATA SOURCE: %: 0.0800 - 0.0800 HAZARD TYPE None found | GreenScreen: LT-UNK LIST NAME AND SOURCE | | NANO: No WARNINGS No warr | 2022-12-08 8:04:19 SUBSTANCE ROLE: Alloy ele | ement ard Lists |
| HAZARD DATA SOURCE: %: 0.0800 - 0.0800 HAZARD TYPE None found ADDITIONAL LISTINGS | GreenScreen: LT-UNK LIST NAME AND SOURCE | | NANO: No WARNINGS No warr | 2022-12-08 8:04:19 SUBSTANCE ROLE: Alloy ele | ement ard Lists |
| HAZARD DATA SOURCE: %: 0.0800 - 0.0800 HAZARD TYPE None found ADDITIONAL LISTINGS None found | GreenScreen: LT-UNK LIST NAME AND SOURCE | | NANO: No WARNINGS No warr | 2022-12-08 8:04:19 SUBSTANCE ROLE: Alloy ele | ement ard Lists |
| HAZARD DATA SOURCE: %: 0.0800 - 0.0800 HAZARD TYPE None found ADDITIONAL LISTINGS None found | GreenScreen: LT-UNK LIST NAME AND SOURCE | | NANO: No WARNINGS No warr | 2022-12-08 8:04:19 SUBSTANCE ROLE: Alloy ele | ement ard Lists |
| HAZARD DATA SOURCE: %: 0.0800 - 0.0800 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: | GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE %: 0.2365 - 0.2365 | RC: None | NANO: No WARNINGS No warr NOTIFICATION No | 2022-12-08 8:04:19 SUBSTANCE ROLE: Alloy ele | ard Lists |
| HAZARD DATA SOURCE: %: 0.0800 - 0.0800 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: SCREW:4-40 X 5/32 SH PRODUCT THRESHOLD: 10 | GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE %: 0.2365 - 0.2365 | RC: None | NANO: No WARNINGS No warr NOTIFICATION No | 2022-12-08 8:04:19 SUBSTANCE ROLE: Alloy ele nings found on HPD Priority Haza listings found on Additional Haza Yes MATERIAL TYPE | ard Lists ard Lists |
| HAZARD DATA SOURCE: %: 0.0800 - 0.0800 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: SCREW:4-40 X 5/32 SH PRODUCT THRESHOLD: 10 | GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE %: 0.2365 - 0.2365 000 ppm RESIDUALS AND IMPURITIE | RC: None | NANO: No WARNINGS No warr NOTIFICATION No | 2022-12-08 8:04:19 SUBSTANCE ROLE: Alloy ele nings found on HPD Priority Haza listings found on Additional Haza Yes MATERIAL TYPE | ard Lists ard Lists |
| HAZARD DATA SOURCE: %: 0.0800 - 0.0800 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: SCREW:4-40 X 5/32 SH PRODUCT THRESHOLD: 10 RESIDUALS AND IMPURITIN | GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE %: 0.2365 - 0.2365 000 ppm RESIDUALS AND IMPURITIE | RC: None | NANO: No WARNINGS No warr NOTIFICATION No | 2022-12-08 8:04:19 SUBSTANCE ROLE: Alloy ele nings found on HPD Priority Haze listings found on Additional Haze Yes MATERIAL TYPE be below the 1000 ppm threshole | ard Lists ard Lists |
| HAZARD DATA SOURCE: %: 0.0800 - 0.0800 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: SCREW:4-40 X 5/32 SH PRODUCT THRESHOLD: 10 RESIDUALS AND IMPURITIN OTHER MATERIAL NOTES: IRON | GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE %: 0.2365 - 0.2365 000 ppm RESIDUALS AND IMPURITIE | RC: None | NANO: No WARNINGS No warr NOTIFICATION No | 2022-12-08 8:04:19 SUBSTANCE ROLE: Alloy ele nings found on HPD Priority Haza listings found on Additional Haza Yes MATERIAL TYPE be below the 1000 ppm threshold ID: 7 | ard Lists ard Lists |

| None found | | No listings found on Additional Hazard Lists |
|---------------------|---------------------------------------|--|
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |

| CHROMIUM, METALLIC | | | | ID: 7440-4 |
|----------------------|---|----------|-------------------------------------|--|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:24 |
| %: 18.0000 - 20.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | ruptors | Potential Endoc | rine Disruptor |
| SKI | МАК | | Sensitizing Subs | stance Sh - Danger of skin sensitizatior |
| GEN | GHS - Japan | | H341 - Suspecte mutagenicity - C | ed of causing genetic defects [Germ ce Category 2] |
| REP | GHS - New Zealand | | Reproductive to | xicity category 2 |
| МАМ | GHS - Japan | | | se damage to organs [Specific target c toxicity following single exposure - |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | vation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Biological and E | invironmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | vation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Children's Produ | ucts |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | vation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Cosmetics & Pe | rsonal Care Products |
| | | | | |

SUBSTANCE NOTES:

 NICKEL (METALLIC)
 ID: 7440-02-0

 HAZARD DATA SOURCE:
 Pharos Chemical and Materials Library
 HAZARD SCREENING DATE:
 2022-12-08 8:04:26

 %: 8.0000 - 10.5000
 GreenScreen: LT-1
 RC: None
 NANO: No
 SUBSTANCE ROLE: Alloy element

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|--|---|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | МАК | Carcinogen Group 1 - Substances that cause cancer in man |
| CAN | IARC | Group 1 - Agent is Carcinogenic to humans |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | US NIH - Report on Carcinogens | Known to be a human Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| RES | МАК | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| CAN | GHS - New Zealand | Carcinogenicity category 2 |
| CAN | GHS - Japan | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| МАМ | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| МАМ | GHS - Japan | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| CAN | EU - Annex VI CMRs | Carcinogen Category 2 - Suspected human Carcinogen |
| SKI | GHS - New Zealand | Skin sensitisation category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - acute category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 1 |
| CAN | GHS - Australia | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Footwear, Apparel & Jewelry Products |
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes of Problematic Chemicals |
| | | Certain Metals |
| | | |

| MANGANESE | | | | ID: 7439- | 96-5 |
|---------------------|--|----------|------------------------------------|---|------|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:17 | |
| %: 2.0000 - 2.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element | t |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor | |
| MUL | German FEA - Substances Haza Waters | rdous to | Class 2 - Hazard | to Waters | |
| REP | GHS - Japan | | H360 - May dam reproduction - C | nage fertility or the unborn child [Toxic Category 1B] | c to |
| МАМ | GHS - Japan | | repeated expos | damage to organs through prolonged ure [Specific target organs/systemic g repeated exposure - Category 1] | or |
| МАМ | GHS - Australia | | repeated expos | damage to organs through prolonged ure [Specific target organ toxicity - ure - Category 1] | or |
| МАМ | GHS - Japan | | | damage to organs [Specific target c toxicity following single exposure - | |
| AQU | GHS - New Zealand | | Hazardous to th category 3 | e aquatic environment - chronic | |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
|---|---|------------|------------------|---|------------------|
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Restricted (RSL) - Effective July 1, 2022 | |
| | | | Biological and E | nvironmentally Released Materials | 5 |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Restricted (RSL) - Effective July 1, 2022 | |
| | | | Children's Produ | ucts | |
| SUBSTANCE NOTES: | | | | | |
| GRAPHITE | | | | ID: 77 | 82-42-5 |
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:19 | |
| %: 2.0000 - 2.0000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy elem | ient |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| None found | | | No warr | nings found on HPD Priority Hazard | d Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
| None found | | | No | listings found on Additional Hazard | d Lists |
| SUBSTANCE NOTES: | | | | ID: 74 | 40-21-3 |
| | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | | -21-0 |
| %: 1.0000 - 1.0000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy elem | ient |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| None found | | | No warr | nings found on HPD Priority Hazard | d Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
| None found | | | No | listings found on Additional Hazard | d Lists |
| SUBSTANCE NOTES: | | | | | |
| | | | | | |
| | | | | | |
| MAGNET:NEO OD .25 X | %: 0.1951 - 0.1951 | | | | |
| MAGNET:NEO OD .25 X PRODUCT THRESHOLD: 10 | | ES EVALUAT | ION COMPLETED: | : Yes MATERIAL TYPE: I | Metal |
| PRODUCT THRESHOLD: 10 | | | | | Metal |
| PRODUCT THRESHOLD: 10 | 00 ppm RESIDUALS AND IMPURITI | | | | Metal |
| PRODUCT THRESHOLD: 10 RESIDUALS AND IMPURITI | 00 ppm RESIDUALS AND IMPURITI | | | be below the 1000 ppm threshold. | Metal 39-89-6 |

| %: 69.0000 - 73.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
|----------------------|---|----------|-----------------|---|
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lists |
| SUBSTANCE NOTES: | | | | |
| | | | | |
| NEODYMIUM | | | | ID: 7440-00-8 |
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:26 |
| %: 24.0000 - 26.0000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Cosmetics & Pe | rsonal Care Products |

| COBALT METAL POWDE | R | | | ID: 7440-48-4 |
|---------------------|--|----------|----------------------------|---|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:19 |
| %: 2.0000 - 4.5000 | GreenScreen: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| CAN | EU - REACH Annex XVII CMRs | | • | egory 2 - Substances which should be ney are Carcinogenic to man |
| CAN | EU - Annex VI CMRs | | Carcinogen Cate | egory 1B - Presumed Carcinogen based nce |
| REP | EU - Annex VI CMRs | | Reproductive To | oxicity - Category 1B |
| MUL | ChemSec - SIN List | | CMR - Carcinog Toxicant | en, Mutagen &/or Reproductive |
| MUL | German FEA - Substances Haza Waters | rdous to | Class 3 - Severe | Hazard to Waters |
| CAN | CA EPA - Prop 65 | | Carcinogen | |
| CAN | IARC | | Group 2b - Poss | sibly carcinogenic to humans |
| CAN | МАК | | Carcinogen Gro man | up 2 - Considered to be carcinogenic for |
| CAN | US NIH - Report on Carcinogens | 5 | Reasonably Ant | icipated to be Human Carcinogen |

| RES | МАК | Sensitizing Substance Sah - Danger of airway & skin sensitization |
|-----------------------|--|---|
| REP | EU - REACH Annex XVII CMRs | Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans |
| GEN | МАК | Germ Cell Mutagen 3a |
| CAN | GHS - Australia | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B] |
| REP | GHS - Australia | H360F - May damage fertility [Reproductive toxicity - Category 1A or 1B] |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B] |
| GEN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2] |
| REP | EU - GHS (H-Statements) Annex 6 Table 3-1 | H360F - May damage fertility [Reproductive toxicity - Category 1A or 1B] |
| EYE | GHS - New Zealand | Eye irritation category 2 |
| CAN | GHS - New Zealand | Carcinogenicity category 2 |
| CAN | GHS - Japan | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| МАМ | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM | GHS - New Zealand | Specific target organ toxicity - repeated exposure category 1 |
| SKI | GHS - New Zealand | Skin sensitisation category 1 |
| REP | GHS - New Zealand | Reproductive toxicity category 2 |
| GEN | EU - Annex VI CMRs | Mutagen - Category 2 |
| МАМ | GHS - Australia | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2] |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |
| SUBSTANCE NOTES: | | |
| BORON | | ID: 7440-42-8 |
| HAZARD DATA SOURCE: P | haros Chemical and Materials Library HAZARD So | CREENING DATE: 2022-12-08 8:04:21 |
| %: 0.6000 - 0.8500 | GreenScreen: LT-UNK RC: None | NANO: No SUBSTANCE ROLE: Alloy element |

| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
|--|---|-----------------------|---|---|---|
| None found | | | No warr | nings found on HPD P | riority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Re (RSL) - Effective July | |
| | | | Biological and E | nvironmentally Releas | ed Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Re (RSL) - Effective July | |
| | | | Children's Produ | icts | |
| SUBSTANCE NOTES: | | | | | |
| | | | | | |
| | | | | | |
| CREW: MS 6-32 X 1/4 | %: 0.1597 - 0.1597 | | | | |
| | | ES EVALUAT | ON COMPLETED: | Yes MATE | RIAL TYPE: Metal |
| PRODUCT THRESHOLD: 1000 p | | | | | |
| CREW: MS 6-32 X 1/4 PRODUCT THRESHOLD: 1000 p RESIDUALS AND IMPURITIES NO DTHER MATERIAL NOTES: | pm RESIDUALS AND IMPURITI | | | | |
| PRODUCT THRESHOLD: 1000 p | pm RESIDUALS AND IMPURITI | | | | n threshold. |
| PRODUCT THRESHOLD: 1000 p RESIDUALS AND IMPURITIES NO DTHER MATERIAL NOTES: | pm RESIDUALS AND IMPURITI | considered a | nd determined to b | be below the 1000 ppr | n threshold. |
| PRODUCT THRESHOLD: 1000 p RESIDUALS AND IMPURITIES NO DTHER MATERIAL NOTES: | pm RESIDUALS AND IMPURITIE | considered a | nd determined to b | be below the 1000 ppr | n threshold. ID: 7439-89-6 |
| PRODUCT THRESHOLD: 1000 pp RESIDUALS AND IMPURITIES NO DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Pha | pm RESIDUALS AND IMPURITIE OTES: Residuals and Impurities were of aros Chemical and Materials Library | Considered a | nd determined to b | 2022-12-08 8:04:24 | n threshold. ID: 7439-89-6 |
| PRODUCT THRESHOLD: 1000 pp RESIDUALS AND IMPURITIES NO DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Pha %: 66.4200 - 70.9200 | pm RESIDUALS AND IMPURITIE OTES: Residuals and Impurities were of aros Chemical and Materials Library GreenScreen: LT-P1 | HAZARD SC RC: None | nd determined to b REENING DATE: NANO: No | 2022-12-08 8:04:24 SUBSTANCE ROLI | n threshold. ID: 7439-89-6 |
| PRODUCT THRESHOLD: 1000 pp RESIDUALS AND IMPURITIES NO DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Pha %: 66.4200 - 70.9200 HAZARD TYPE | pm RESIDUALS AND IMPURITIE OTES: Residuals and Impurities were of aros Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE | HAZARD SC RC: None | REENING DATE: NANO: No WARNINGS | 2022-12-08 8:04:24 SUBSTANCE ROLI | n threshold. ID: 7439-89-6 |
| PRODUCT THRESHOLD: 1000 pp RESIDUALS AND IMPURITIES NO DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Pha %: 66.4200 - 70.9200 HAZARD TYPE END | pm RESIDUALS AND IMPURITIE OTES: Residuals and Impurities were of aros Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE TEDX - Potential Endocrine Disru | HAZARD SC RC: None | REENING DATE: NANO: No WARNINGS Potential Endocr | 2022-12-08 8:04:24 SUBSTANCE ROLI | n threshold. ID: 7439-89-6 Ξ: Alloy element |
| PRODUCT THRESHOLD: 1000 pp RESIDUALS AND IMPURITIES NO DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Pha %: 66.4200 - 70.9200 HAZARD TYPE END ADDITIONAL LISTINGS | pm RESIDUALS AND IMPURITIE OTES: Residuals and Impurities were of aros Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE TEDX - Potential Endocrine Disru | HAZARD SC RC: None | REENING DATE: NANO: No WARNINGS Potential Endocr | 2022-12-08 8:04:24 SUBSTANCE ROLI | n threshold. ID: 7439-89-6 Ξ: Alloy element |
| PRODUCT THRESHOLD: 1000 pp RESIDUALS AND IMPURITIES NO DTHER MATERIAL NOTES: IRON HAZARD DATA SOURCE: Pha %: 66.4200 - 70.9200 HAZARD TYPE END ADDITIONAL LISTINGS None found | pm RESIDUALS AND IMPURITIE OTES: Residuals and Impurities were of aros Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE TEDX - Potential Endocrine Disru | HAZARD SC RC: None | REENING DATE: NANO: No WARNINGS Potential Endocr | 2022-12-08 8:04:24 SUBSTANCE ROLI | n threshold. ID: 7439-89-6 Ξ: Alloy element |

| HAZARD DATA SOURCE: P | haros Chemical and Materials Library | HAZARD SCR | EENING DATE: | 2022-12-08 8:04:26 |
|-----------------------|--------------------------------------|------------|--------------|-------------------------------|
| %: 18.0000 - 20.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---------------------|--|--|
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| SKI | МАК | Sensitizing Substance Sh - Danger of skin sensitization |
| GEN | GHS - Japan | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2] |
| REP | GHS - New Zealand | Reproductive toxicity category 2 |
| МАМ | GHS - Japan | H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2] |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | |
| RESTRICTED LIST | | Biological and Environmentally Released Materials C2C Certified v4 Product Standard Restricted |
| RESTRICTED LIST | | Biological and Environmentally Released Materials C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | Institute (C2CPII) Cradle to Cradle Products Innovation | Biological and Environmentally Released Materials C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4 Product Standard Restricted |

| NICKEL (METALLIC) | | | | ID: 7440-02-0 |
|---------------------|---------------------------------------|-----------|---------------|-------------------------------|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SC | REENING DATE: | 2022-12-08 8:04:28 |
| %: 8.0000 - 10.5000 | GreenScreen: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|--|---|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | МАК | Carcinogen Group 1 - Substances that cause cancer in man |
| CAN | IARC | Group 1 - Agent is Carcinogenic to humans |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | US NIH - Report on Carcinogens | Known to be a human Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| RES | МАК | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| МАМ | EU - GHS (H-Statements) Annex 6 Table 3-1 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| CAN | GHS - New Zealand | Carcinogenicity category 2 |
| CAN | GHS - Japan | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| МАМ | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| МАМ | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| МАМ | GHS - Japan | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| CAN | EU - Annex VI CMRs | Carcinogen Category 2 - Suspected human Carcinogen |
| SKI | GHS - New Zealand | Skin sensitisation category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - acute category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 1 |
| CAN | GHS - Australia | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Footwear, Apparel & Jewelry Products |
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes of Problematic Chemicals |
| | | Certain Metals |
| | | |

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ID: 7439-96-5

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SCREENING DATE: | | 2022-12-08 8:04:20 | |
|---------------------|--|---------------------------|--|---|--|
| %: 2.0000 - 2.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element | |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endocrine Disruptor | | |
| MUL | German FEA - Substances Haza Waters | rdous to Class 2 - Hazard | | rd to Waters | |
| REP | GHS - Japan | | | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B] | |
| МАМ | GHS - Japan | | H372 - Causes damage to organs through prolonged repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] | | |
| МАМ | GHS - Australia | | H372 - Causes damage to organs through prolong repeated exposure [Specific target organ toxicity repeated exposure - Category 1] | | |
| МАМ | GHS - Japan | | | damage to organs [Specific target c toxicity following single exposure - | |
| AQU | GHS - New Zealand | | Hazardous to th category 3 | e aquatic environment - chronic | |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |

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ID: 7440-21-3

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:22 |
|---------------------|---------------------------------------|-----------|----------------|---|
| %: 1.0000 - 1.0000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard Lis |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lis |

| GRAPHITE | | | | ID: 7782-42-5 |
|-------------------------|---|--------------|--------------------|---|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SC | REENING DATE: | 2022-12-08 8:04:25 |
| %: 0.0800 - 0.0800 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No war | nings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lists |
| SUBSTANCE NOTES: | | | | |
| | | | | |
| SPRING:MOD 1006-KEEP | %: 0.1153 - 0.1153 | | | |
| PRODUCT THRESHOLD: 10 | 00 ppm RESIDUALS AND IMPURITI | ES EVALUATI | ON COMPLETED: | Yes MATERIAL TYPE: Metal |
| RESIDUALS AND IMPURITIE | ES NOTES: Residuals and Impurities were | considered a | nd determined to I | be below the 1000 ppm threshold. |
| OTHER MATERIAL NOTES: | | | | |
| IRON | | | | ID: 7439-89-6 |

| | areenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
|---------------------|----------------------------------|----------|------------------|--|
| | | | | SOBSTANCE NOLE. Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disru | ptors | Potential Endocr | ine Disruptor |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No I | istings found on Additional Hazard Lists |

CHROMIUM, METALLIC ID: 7440-47-3 HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-12-08 8:04:29 %: 18.0000 - 20.0000 GreenScreen: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Alloy element HAZARD TYPE LIST NAME AND SOURCE WARNINGS END **TEDX - Potential Endocrine Disruptors** Potential Endocrine Disruptor SKI MAK Sensitizing Substance Sh - Danger of skin sensitization GEN GHS - Japan H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2] REP GHS - New Zealand Reproductive toxicity category 2 MAM GHS - Japan H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure -Category 2] ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION RESTRICTED LIST Cradle to Cradle Products Innovation C2C Certified v4 Product Standard Restricted Institute (C2CPII) Substances List (RSL) - Effective July 1, 2022 **Biological and Environmentally Released Materials** RESTRICTED LIST Cradle to Cradle Products Innovation C2C Certified v4 Product Standard Restricted Institute (C2CPII) Substances List (RSL) - Effective July 1, 2022 **Children's Products** RESTRICTED LIST Cradle to Cradle Products Innovation C2C Certified v4 Product Standard Restricted Institute (C2CPII) Substances List (RSL) - Effective July 1, 2022 **Cosmetics & Personal Care Products**

| NICKEL (METALLIC) | | | | ID: 7440-02-0 |
|---------------------|---------------------------------------|------------|---------------|-------------------------------|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SCF | REENING DATE: | 2022-12-08 8:04:20 |
| %: 8.0000 - 10.5000 | GreenScreen: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|---|---|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | МАК | Carcinogen Group 1 - Substances that cause cancer in man |
| CAN | IARC | Group 1 - Agent is Carcinogenic to humans |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | US NIH - Report on Carcinogens | Known to be a human Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| RES | МАК | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| CAN | GHS - New Zealand | Carcinogenicity category 2 |
| CAN | GHS - Japan | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| MAM | GHS - Japan | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| CAN | EU - Annex VI CMRs | Carcinogen Category 2 - Suspected human Carcinogen |
| SKI | GHS - New Zealand | Skin sensitisation category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - acute category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 1 |
| CAN | GHS - Australia | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |

| ard Restricted |
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| e July 1, 2022 |
| Released Materials |
| ard Restricted e July 1, 2022 |
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| ard Restricted e July 1, 2022 |
| oducts |
| tic Chemicals |
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| MANGANESE | | | | ID: 7439-96-5 |
|---------------------|--|-----------|------------------------------------|--|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:23 |
| %: 2.0000 - 2.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| MUL | German FEA - Substances Haza Waters | ardous to | Class 2 - Hazaro | to Waters |
| REP | GHS - Japan | | H360 - May dam reproduction - C | nage fertility or the unborn child [Toxic to Category 1B] |
| MAM | GHS - Japan | | repeated exposit | damage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1] |
| MAM | GHS - Australia | | repeated exposit | damage to organs through prolonged or ure [Specific target organ toxicity - ure - Category 1] |
| МАМ | GHS - Japan | | | damage to organs [Specific target c toxicity following single exposure - |
| AQU | GHS - New Zealand | | Hazardous to th category 3 | e aquatic environment - chronic |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
|-----------------------------|---|---------------|--------------------|---|-----------------------|
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Re (RSL) - Effective July | |
| | | | Biological and E | nvironmentally Relea | sed Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Re (RSL) - Effective July | |
| | | | Children's Produ | ucts | |
| SUBSTANCE NOTES: | | | | | |
| SILICON | | | | | ID: 7440-21-3 |
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SC | CREENING DATE: | 2022-12-08 8:04:26 | |
| %: 1.0000 - 1.0000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROL | E: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| None found | | | No warr | nings found on HPD F | Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
| None found | | | No | listings found on Add | itional Hazard Lists |
| SUBSTANCE NOTES: | | | | | |
| GRAPHITE | | | | | ID: 7782-42-5 |
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SC | CREENING DATE: | 2022-12-08 8:04:28 | |
| %: 0.0800 - 0.0800 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROL | E: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| None found | | | No warr | nings found on HPD F | Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
| None found | | | No | listings found on Add | itional Hazard Lists |
| SUBSTANCE NOTES: | | | | | |
| | | | | | |
| SCREW:4-40 X 3/8 HEX | %: 0.0828 - 0.0828 | | | | |
| PRODUCT THRESHOLD: 10 | | | | | RIAL TYPE: Metal |
| OTHER MATERIAL NOTES: | ES NOTES: Residuals and Impurities were | considered ai | nd determined to I | be below the 1000 pp | m threshold. |
| IRON | | | | | ID: 7439-89-6 |
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SC | CREENING DATE: | 2022-12-08 8:04:29 | |
| %: 99.2300 - 99.5800 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROL | E: Alloy element |

| None found | | No listings found on Additional Hazard Lists |
|---------------------|---------------------------------------|--|
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:21 |
|---------------------|---|-----------|------------------------------------|--|
| %: 0.3000 - 0.6000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoci | rine Disruptor |
| MUL | German FEA - Substances Haza Waters | rdous to | Class 2 - Hazard | to Waters |
| REP | GHS - Japan | | H360 - May dam reproduction - C | nage fertility or the unborn child [Toxic to Category 1B] |
| МАМ | GHS - Japan | | repeated exposu | lamage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1] |
| МАМ | GHS - Australia | | | lamage to organs through prolonged or ure [Specific target organ toxicity - ure - Category 1] |
| MAM | GHS - Japan | | | lamage to organs [Specific target c toxicity following single exposure - |
| AQU | GHS - New Zealand | | Hazardous to the category 3 | e aquatic environment - chronic |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Biological and E | nvironmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Children's Produ | ucts |

SUBSTANCE NOTES:

| GRAPHITE | | | | | ID: 7440-44-0 |
|---------------------|---------------------------------------|------------|--------------|--------------------|---------------|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SCR | EENING DATE: | 2022-12-08 8:04:23 | |
| %: 0.0800 - 0.1300 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: A | Alloy element |

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| ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION RESTRICTED LIST Green Science Policy Institute (GSPI) GSPI - Six Classes of Problematic Chemicals Antimicrobials SUBSTANCE NOTES: ID: 7 PHOSPHORUS ID: 7 HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCHEENING DATE: 2022-12-08 8:04:26 %: 0.0400 Green Screen: BM-2 RC: None NANO: No SUBSTANCE ROLE: Alloyed end HAZARD TYPE LIST NAME AND SOURCE WARNINGS ID: 7 MAM US EPA - EPCRA Extremely Hazardous Substances Substances Substances ID: 7 MAM GHS - New Zealand Specific target organ toxicity - repeated exposur category 1 ID: 7 PHY GHS - New Zealand Serious eye damage category 1 ID: 7 AQU GHS - New Zealand Hazardous to the aquatic environment - acute cr 1 1 AQU GHS - New Zealand Class D1 - Very toxic material causing immedia serious toxic effects Skin corrosion category 1 MAM GHS - New Zealand Class D1 - Very toxic material causing immedia serious toxic effects Skin corosion category 1 MA | HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---|---------------------|---|--|
| RESTRICTED LIST Green Science Policy Institute (GSPI) GSPI - Six Classes of Problematic Chemicals Antimicrobials SUBSTANCE NOTES: Intimicrobials PHOSPHORUS ID: 7 HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-12-08 8:04:26 %: 0.0400 GreenScreen: BM-2 RC: None NANO: No SUBSTANCE ROLE: Alloy de Company HAZARD TYPE LIST NAME AND SOURCE WARNINGS ID: 7 MAM US EPA - EPCRA Extremely Hazardous Substances Substances MAM GHS - New Zealand Serious eye damage category 1 ID: 7 FY GHS - New Zealand Serious eye damage category 1 ID: 7 AQU GHS - New Zealand Hazardous to the aquatic environment - acuted or 1 ID: 7 AQU GHS - New Zealand Hazardous to the aquatic environment - acuted or 1 ID: 7 MAM Québec CSST - WHMIS 1988 Class D1A - Very toxic material causing immedia serious toxic effects Skin corrosion category 1 MAM GHS - New Zealand Acute dermal toxicity category 1 ID MAM GHS - New Zealand Acute dermal toxicity category 1 ID MAM </td <td>None found</td> <td></td> <td>No warnings found on HPD Priority Hazard Lists</td> | None found | | No warnings found on HPD Priority Hazard Lists |
| RESTRICTED LIST Green Science Policy Institute (GSPI) GSPI - Six Classes of Problematic Chemicals Antimicrobials SUBSTANCE NOTES: Intimicrobials PHOSPHORUS Intimicrobials HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-12-08 8:04:26 %: 0.0400 GreenScreen: BM-2 RC: None NANO: No SUBSTANCE ROLE: Alloy of the ALT AND SOURCE HAZARD TYPE LIST NAME AND SOURCE WARNINGS MAM US EFA - EPCRA Extremely Hazardous Substances MAM GHS - New Zealand Specific target organ toxicity - repeated exposur category 1 FYE GHS - New Zealand Serious eye damage category 1 AQU GHS - New Zealand Hazardous to the aquatic environment - acture of 1 AQU GHS - New Zealand Bazardous to the aquatic environment - acture of 1 MAM Québec CSST - WHMIS 1988 Class D1A - Very toxic material causing immedia serious toxic effects SKI GHS - New Zealand Skin corrosion category 1 MAM GHS - New Zealand Skin corrosion category 1 MAM GHS - New Zealand Skin corrosion category 1 MAM GHS - New Zealand Acute demal | | | |
| Antimicrobials SUBSTANCE NOTES: PHOSPHORUS HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCHEENING DATE: 2022-12-08-8:04:26 %: 0.0400 - 0.0400 GreenScreen: BM-2 RC: None NANO: No SUBSTANCE ROLE: Allog eld HAZARD TYPE LIST NAME AND SOURCE WARNINGS MAM US EPA - EPCRA Extremely Hazardous Substances MAM GHS - New Zealand Specific target organ toxicity - repeated exposure category 1 PHY GHS - New Zealand Serious eye damage category 1 AQU GHS - New Zealand Hazardous to the aquatic environment - acuter at a finance of the serious toxic effects SKI GHS - New Zealand Hazardous to the aquatic environment - chronic category 1 MAM Québec CSST - WHMIS 1988 Class D1A - Very toxic material causing immediate efforts toxic effects SKI GHS - New Zealand Serious toxic effects SKI GHS - New Zealand Acute crimitation toxicity category 1 MAM GHS - New Zealand Acute crimitation toxicity category 1 MAM GHS - New Zealand Acute crimitation toxicity category 1 MAM GHS - New Zealand Acute crimitatioxicity category | ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
| SUBSTANCE NOTES: ID: 1 PHOSPHORUS ID: 1 HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-12-08 8:04:26 %: 0.0400 - 0.0400 GreenScreen: BM-2 RC: None NANO: No SUBSTANCE ROLE: Alloy alloy alloy alloy HAZARD TYPE LIST NAME AND SOURCE WARNINGS MAM US EPA - EPCRA Extremely Hazardous Extremely Hazardous Substances MAM GHS - New Zealand Specific target organ toxicity - repeated exposur category 1 PHY GHS - New Zealand Serious eye damage category 1 AQU GHS - New Zealand Hazardous to the aquatic environment - acute ca 1 AQU GHS - New Zealand Class D1A - Very toxic material causing immedia SKI GHS - New Zealand Skin corrosion category 1 MAM Québec CSST - WHMIS 1988 Class D1A - Very toxic material causing immedia SKI GHS - New Zealand Skin corrosion category 1 MAM GHS - New Zealand Acute dermal toxicity category 1 MAM GHS - New Zealand Skin corrosion category 1A MAM GHS - New Zealand Acute dermal toxicity category 1 MAM </td <td>RESTRICTED LIST</td> <td>Green Science Policy Institute (C</td> <td>(GSPI) GSPI - Six Classes of Problematic Chemicals</td> | RESTRICTED LIST | Green Science Policy Institute (C | (GSPI) GSPI - Six Classes of Problematic Chemicals |
| PHOSPHORUS ID: 1 HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-12-08 8:04:26 %: 0.0000 - 0.0400 GreenScreen: BM-2 RC: None NANO: No SUBSTANCE ROLE: Alloy etc. HAZARD TYPE LIST NAME AND SOURCE WARNINGS Extremely Hazardous Substances Substances MAM US EPA - EPCRA Extremely Hazardous Specific target organ toxicity - repeated exposur category 1 MAM PHY GHS - New Zealand Specific target organ toxicity - repeated exposur category 1 MAM AQU GHS - New Zealand Pyrophoric solids category 1 MAA AQU GHS - New Zealand Hazardous to the aquatic environment - acute or 1 AQU GHS - New Zealand Hazardous to the aquatic environment - acute or 1 AQU GHS - New Zealand Class D1A - Very toxic material causing immedia category 1 MAM Québec CSST - WHMIS 1988 Class D1A - Very toxic material causing immedia category 1 MAM GHS - New Zealand Acute dermal toxicity category 1 MAM GHS - New Zealand Acute dermal toxicity category 1 MAM GHS - New Zealand Acute dermal toxicity category 1 MAM <td></td> <td></td> <td>Antimicrobials</td> | | | Antimicrobials |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-12-08 8:04:26 %: 0.0400 - 0.0400 GreenScreen: BM-2 RC: None NANO: No SUBSTANCE ROLE: Alloy eld HAZARD TYPE LIST NAME AND SOURCE WARNINGS MAM US EPA - EPCRA Extremely Hazardous Extremely Hazardous Substances MAM GHS - New Zealand Specific target organ toxicity - repeated exposur category 1 PHY GHS - New Zealand Pyrophoric solids category 1 AQU GHS - New Zealand Hazardous to the aquatic environment - acute category 1 AQU GHS - New Zealand Hazardous to the aquatic environment - acute category 1 AQU GHS - New Zealand Hazardous to the aquatic environment - chronic category 1 MAM Québec CSST - WHMIS 1988 Class D1A - Very toxic material causing immedia serious toxic effects SKI GHS - New Zealand Skin corrosion category 1 MAM GHS - New Zealand Acute dermal toxicity category 1 MAM GHS - New Zealand Skin corrosion category 1A MAM GHS - New Zealand Acute inhalation toxicity category 1 MAM GHS - New Zealand Acute oral toxicity category 1 <td>SUBSTANCE NOTES:</td> <td></td> <td></td> | SUBSTANCE NOTES: | | |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-12-08 8:04:26 MAX GreenScreen: BM-2 RC: None NANO: No SUBSTANCE ROLE: Alloy eld HAZARD TYPE LIST NAME AND SOURCE WARNINGS MAM US EPA - EPCRA Extremely Hazardous Extremely Hazardous Substances MAM GHS - New Zealand Specific target organ toxicity - repeated exposur category 1 PHY GHS - New Zealand Pyrophoric solids category 1 AQU GHS - New Zealand Hazardous to the aquatic environment - acute category 1 AQU GHS - New Zealand Hazardous to the aquatic environment - acute category 1 AQU GHS - New Zealand Hazardous to the aquatic environment - chronic category 1 MAM Québec CSST - WHMIS 1988 Class D1A - Very toxic material causing immedia serious toxic effects SKI GHS - New Zealand Skin corrosion category 1 MAM GHS - New Zealand Acute dermal toxicity category 1 MAM GHS - New Zealand Skin corrosion category 1A MAM GHS - New Zealand Acute dermal toxicity category 1 MAM GHS - New Zealand Acute oral toxicity category 1 <tr< td=""><td></td><td></td><td></td></tr<> | | | |
| %: 0.0400 - 0.0400 GreenScreen: BM-2 RC: None NANC: No SUBSTANCE ROLE: Alloyed and the substance of th | HOSPHORUS | | ID: 7723-14 - |
| HAZARD TYPELIST NAME AND SOURCEWARNINGSMAMUS EPA - EPCRA Extremely Hazardous SubstancesExtremely Hazardous SubstancesMAMGHS - New ZealandSpecific target organ toxicity - repeated exposur category 1PHYGHS - New ZealandPyrophoric solids category 1EYEGHS - New ZealandSerious eye damage category 1AQUGHS - New ZealandHazardous to the aquatic environment - acute category 1AQUGHS - New ZealandHazardous to the aquatic environment - acute category 1AQUGHS - New ZealandClass D1A - Very toxic material causing immedia serious toxic effectsSKIGHS - New ZealandSkin corrosion category 1AMAMGHS - New ZealandAcute dermal toxicity category 1MAMGHS - New ZealandAcute oral toxicity category 1 <tr< td=""><td>AZARD DATA SOURCE:</td><td>Pharos Chemical and Materials Library</td><td>HAZARD SCREENING DATE: 2022-12-08 8:04:26</td></tr<> | AZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SCREENING DATE: 2022-12-08 8:04:26 |
| MAMUS EPA - EPCRA Extremely Hazardous SubstancesExtremely Hazardous SubstancesMAMGHS - New ZealandSpecific target organ toxicity - repeated exposur category 1PHYGHS - New ZealandPyrophoric solids category 1EYEGHS - New ZealandSerious eye damage category 1AQUGHS - New ZealandHazardous to the aquatic environment - acute ca 1AQUGHS - New ZealandHazardous to the aquatic environment - chronic category 1AQUGHS - New ZealandHazardous to the aquatic environment - chronic category 1AQUGHS - New ZealandClass D1A - Very toxic material causing immedia serious toxic effectsSKIGHS - New ZealandSkin corrosion category 1AMAMGHS - New ZealandAcute dermal toxicity category 1MAMGHS - New ZealandAcute oral toxicity category 1MAMGHS - New Zealand< | : 0.0400 - 0.0400 | GreenScreen: BM-2 | RC: None NANO: No SUBSTANCE ROLE: Alloy element |
| Substances MAM GHS - New Zealand Specific target organ toxicity - repeated exposure category 1 PHY GHS - New Zealand Pyrophoric solids category 1 EYE GHS - New Zealand Serious eye damage category 1 AQU GHS - New Zealand Hazardous to the aquatic environment - acute category 1 AQU GHS - New Zealand Hazardous to the aquatic environment - acute category 1 AQU GHS - New Zealand Hazardous to the aquatic environment - chronic category 1 AQU GHS - New Zealand Class D1A - Very toxic material causing immedia serious toxic effects SKI GHS - New Zealand Skin corrosion category 1A MAM GHS - New Zealand Acute dermal toxicity category 1 MAM GHS - New Zealand Acute oral toxicity category 1 MAM GHS - New Zealand Acute oral toxicity category 1 MAM GHS - New Zealand Acute oral toxicity category 1 MAM GHS - New Zealand Acute oral toxicity category 1 MAM GHS - New Zealand Acute oral toxicity category 1 MAM GHS - New Zealand Acute oral toxicity category 1 MAM GHS - New Zealand Mater oral toxicity c | HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
| category 1PHYGHS - New ZealandPyrophoric solids category 1EYEGHS - New ZealandSerious eye damage category 1AQUGHS - New ZealandHazardous to the aquatic environment - acute category 1AQUGHS - New ZealandHazardous to the aquatic environment - chronic category 1AQUGHS - New ZealandLazardous to the aquatic environment - chronic category 1MAMQuébec CSST - WHMIS 1988Class D1A - Very toxic material causing immedia serious toxic effectsSKIGHS - New ZealandSkin corrosion category 1AMAMGHS - New ZealandAcute inhalation toxicity category 1MAMGHS - New ZealandAcute inhalation toxicity category 1MAMGHS - New ZealandAcute oral toxicity category 1ADDITIONAL LLISTINGSLIST NAME AND SOURCENOTIFICATION | МАМ | | zardous Extremely Hazardous Substances |
| EYEGHS - New ZealandSerious eye damage category 1AQUGHS - New ZealandHazardous to the aquatic environment - acute category 1AQUGHS - New ZealandHazardous to the aquatic environment - chronic category 1MAMQuébec CSST - WHMIS 1988Class D1A - Very toxic material causing immedia serious toxic effectsSKIGHS - New ZealandSkin corrosion category 1AMAMGHS - New ZealandAcute dermal toxicity category 1MAMGHS - New ZealandAcute inhalation toxicity category 1MAMGHS - New ZealandAcute oral toxicity category 1MAMGHS - New ZealandNOTIFICATION | МАМ | GHS - New Zealand | Specific target organ toxicity - repeated exposure category 1 |
| AQUGHS - New ZealandHazardous to the aquatic environment - acute can 1AQUGHS - New ZealandHazardous to the aquatic environment - chronic category 1MAMQuébec CSST - WHMIS 1988Class D1A - Very toxic material causing immedia serious toxic effectsSKIGHS - New ZealandSkin corrosion category 1AMAMGHS - New ZealandAcute dermal toxicity category 1MAMGHS - New ZealandAcute inhalation toxicity category 1MAMGHS - New ZealandAcute inhalation toxicity category 1MAMGHS - New ZealandAcute oral toxicity category 1MAMGHS - New ZealandMcute oral toxicity category 1 | РНҮ | GHS - New Zealand | Pyrophoric solids category 1 |
| 1AQUGHS - New ZealandHazardous to the aquatic environment - chronic category 1MAMQuébec CSST - WHMIS 1988Class D1A - Very toxic material causing immedia serious toxic effectsSKIGHS - New ZealandSkin corrosion category 1AMAMGHS - New ZealandAcute dermal toxicity category 1MAMGHS - New ZealandAcute inhalation toxicity category 1MAMGHS - New ZealandAcute oral toxicity category 1MAMISF - New ZealandAcute oral toxicity category 1MAMISF - New ZealandNOTIFICATION | EYE | GHS - New Zealand | Serious eye damage category 1 |
| MAMQuébec CSST - WHMIS 1988Class D1A - Very toxic material causing immedia serious toxic effectsSKIGHS - New ZealandSkin corrosion category 1AMAMGHS - New ZealandAcute dermal toxicity category 1MAMGHS - New ZealandAcute inhalation toxicity category 1MAMGHS - New ZealandAcute inhalation toxicity category 1MAMGHS - New ZealandAcute oral toxicity category 1MAMGHS - New ZealandNoTIFICATION | AQU | GHS - New Zealand | Hazardous to the aquatic environment - acute category 1 |
| SKIGHS - New ZealandSkin corrosion category 1AMAMGHS - New ZealandAcute dermal toxicity category 1MAMGHS - New ZealandAcute inhalation toxicity category 1MAMGHS - New ZealandAcute inhalation toxicity category 1MAMGHS - New ZealandAcute oral toxicity category 1MAMLIST NAME AND SOURCENOTIFICATION | AQU | GHS - New Zealand | - |
| MAMGHS - New ZealandAcute dermal toxicity category 1MAMGHS - New ZealandAcute inhalation toxicity category 1MAMGHS - New ZealandAcute oral toxicity category 1MAMLIST NAME AND SOURCENOTIFICATION | МАМ | Québec CSST - WHMIS 1988 | Class D1A - Very toxic material causing immediate and serious toxic effects |
| MAM GHS - New Zealand Acute inhalation toxicity category 1 MAM GHS - New Zealand Acute oral toxicity category 1 ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION | SKI | GHS - New Zealand | Skin corrosion category 1A |
| MAM GHS - New Zealand Acute oral toxicity category 1 ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION | МАМ | GHS - New Zealand | Acute dermal toxicity category 1 |
| ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION | МАМ | GHS - New Zealand | Acute inhalation toxicity category 1 |
| | MAM | GHS - New Zealand | Acute oral toxicity category 1 |
| DECEDICIED LICE Credits to Credits Dreducts Inneuration COC Cartified u/ Dreduct Standard Destricted | ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
| RESTRICTED LIST Cradie to Gradie Products innovation C2C Certified V4 Product Standard Restricted Institute (C2CPII) Substances List (RSL) - Effective July 1, 2022 | RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | |
| Cosmetics & Personal Care Products | | | Cosmetics & Personal Care Products |

 CONNECTOR: RECEPTACL
 %: 0.0652 - 0.0652

 PRODUCT THRESHOLD: 1000 ppm
 RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes
 MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

| OTHER | МАТ | ERIAL | NOTES: |
|-------|-----|-------|--------|
| | | | |

| HAZARD DATA SOURCE: Pha | ros Chemical and Materials Library | HAZARD SC | REENING DATE: | 2022-12-08 8:04:28 |
|--|--|----------------------------|--|--|
| %: 100.0000 - 100.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Polymer species |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard List |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard List |
| SUBSTANCE NOTES: | | | | |
| | %: 0.0652 - 0.0652 | EVALUATION | COMPLETED: Yes | s MATERIAL TYPE: Polymeric Mater |
| | | | | 2 |
| RODUCT THRESHOLD: 1000 pp | om RESIDUALS AND IMPURITIES E | | | 2 |
| RODUCT THRESHOLD: 1000 pp ESIDUALS AND IMPURITIES NO THER MATERIAL NOTES: POLYETHYLENE TEREPHTHA | om RESIDUALS AND IMPURITIES E | considered ar | nd determined to b | be below the 1000 ppm threshold. ID: 25038-59 |
| RODUCT THRESHOLD: 1000 pp ESIDUALS AND IMPURITIES NO THER MATERIAL NOTES: POLYETHYLENE TEREPHTHA | OM RESIDUALS AND IMPURITIES E | considered ar | nd determined to b | be below the 1000 ppm threshold. ID: 25038-59 |
| RODUCT THRESHOLD: 1000 pp SIDUALS AND IMPURITIES NO THER MATERIAL NOTES: POLYETHYLENE TEREPHTHA HAZARD DATA SOURCE: Pha | The provide the provided and the provide | considered ar HAZARD SC | nd determined to b | be below the 1000 ppm threshold. ID: 25038-59 2022-12-08 8:04:30 |
| CODUCT THRESHOLD: 1000 pp SIDUALS AND IMPURITIES NO HER MATERIAL NOTES: COLYETHYLENE TEREPHTHA HAZARD DATA SOURCE: Pha 6: 100.0000 - 100.0000 | OM RESIDUALS AND IMPURITIES E OTES: Residuals and Impurities were LATE aros Chemical and Materials Library GreenScreen: LT-P1 | considered ar HAZARD SC | REENING DATE: NANO: No WARNINGS | be below the 1000 ppm threshold. ID: 25038-59 2022-12-08 8:04:30 |

| SCREW: MS 4-40 X 1/4 | %: 0.0532 - 0.0532 | | | | |
|------------------------|---|----------------|-------------------|-------------------|----------------------|
| PRODUCT THRESHOLD: 10 | 00 ppm RESIDUALS AND IMPURITI | ES EVALUATIC | N COMPLETED: | Yes N | IATERIAL TYPE: Metal |
| RESIDUALS AND IMPURITI | ES NOTES: Residuals and Impurities were | considered and | d determined to b | be below the 1000 |) ppm threshold. |
| OTHER MATERIAL NOTES: | | | | | |
| IRON | | | | | ID: 7439-89-6 |
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SCF | REENING DATE: | 2022-12-08 8:04 | :22 |
| %: 66.4200 - 70.9200 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE | ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endocr | ine Disruptor | |

LIST NAME AND SOURCE

NOTIFICATION

None found

SUBSTANCE NOTES:

CHROMIUM, METALLIC

ID: 7440-47-3

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SC | CREENING DATE: | 2022-12-08 8:04:25 |
|----------------------|---|-----------|-------------------------------------|--|
| %: 18.0000 - 20.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| SKI | МАК | | Sensitizing Subs | stance Sh - Danger of skin sensitization |
| GEN | GHS - Japan | | H341 - Suspecte mutagenicity - C | ed of causing genetic defects [Germ ce Category 2] |
| REP | GHS - New Zealand | | Reproductive to | xicity category 2 |
| MAM | GHS - Japan | | | se damage to organs [Specific target c toxicity following single exposure - |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Biological and E | Invironmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | Children's Produ | ucts |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | ation | | Product Standard Restricted (RSL) - Effective July 1, 2022 |
| | | | | |

| NICKEL (METALLIC) | | | | ID: 7440-02-0 |
|-----------------------|---------------------------------------|------------|--------------|-------------------------------|
| HAZARD DATA SOURCE: P | Pharos Chemical and Materials Library | HAZARD SCR | EENING DATE: | 2022-12-08 8:04:27 |
| %: 8.0000 - 10.5000 | GreenScreen: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|---|---|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | МАК | Carcinogen Group 1 - Substances that cause cancer in man |
| CAN | IARC | Group 1 - Agent is Carcinogenic to humans |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | US NIH - Report on Carcinogens | Known to be a human Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| RES | МАК | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| CAN | GHS - New Zealand | Carcinogenicity category 2 |
| CAN | GHS - Japan | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| MAM | GHS - Japan | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| CAN | EU - Annex VI CMRs | Carcinogen Category 2 - Suspected human Carcinogen |
| SKI | GHS - New Zealand | Skin sensitisation category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - acute category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 1 |
| CAN | GHS - Australia | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Footwear, Apparel & Jewelry Products |
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes of Problematic Chemicals |
| | | Certain Metals |
| | | |

| NAN | IGAI | VESE. |
|-----|------|-------|
| | | |

ID: 7439-96-5

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:29 |
|---------------------|--|----------|------------------------------------|--|
| %: 2.0000 - 2.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| MUL | German FEA - Substances Haza Waters | rdous to | Class 2 - Hazard | to Waters |
| REP | GHS - Japan | | H360 - May dam reproduction - C | nage fertility or the unborn child [Toxic to Category 1B] |
| МАМ | GHS - Japan | | repeated expos | damage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1] |
| МАМ | GHS - Australia | | repeated expos | damage to organs through prolonged or ure [Specific target organ toxicity - ure - Category 1] |
| МАМ | GHS - Japan | | | damage to organs [Specific target c toxicity following single exposure - |
| AQU | GHS - New Zealand | | Hazardous to th category 3 | e aquatic environment - chronic |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |

| SIL | CON |
|-----|-----|
| | |

ID: 7440-21-3

| HAZARD DATA SOURCE: I | Pharos Chemical and Materials Library | HAZARD SC | CREENING DATE: | 2022-12-08 8:04:31 |
|-----------------------|---------------------------------------|-----------|----------------|---|
| %: 1.0000 - 1.0000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard Lis |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lis |

SUBSTANCE NOTES:

| GRAPHITE | | | | I | D: 7782-42-5 |
|-----------------------|---------------------------------------|-----------|----------------|--------------------------------|--------------|
| HAZARD DATA SOURCE: P | Pharos Chemical and Materials Library | HAZARD SC | CREENING DATE: | 2022-12-08 8:04:24 | |
| %: 0.0800 - 0.0800 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy | element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| None found | | | No warr | nings found on HPD Priority F | lazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
| None found | | | No | listings found on Additional H | lazard Lists |
| SUBSTANCE NOTES: | | | | | |
| | | | | | |
| FOAM:1006DFM SOLENOI | %: 0.0521 - 0.0521 | | | | |
| | | | | | |

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold. OTHER MATERIAL NOTES:

HES 1006 Series Strike

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:26 |
|------------------------|---------------------------------------|------------|--------------------------------------|--|
| %: 100.0000 - 100.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Polymer species |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| РВТ | EC - CEPA DSL | | Persistent, Bioad (PBiTH) to huma | ccumulative and inherently Toxic ns |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| RESTRICTED LIST | US Environmental Protection Ag EPA) | ency (US | US EPA - DfE SC | CIL |
| | 2.79 | | Yellow Triangle - profile issues | - best available in class but some haza |
| RESTRICTED LIST | International Living Future Institu | ite (ILFI) | Living Building C Chemicals | Challenge 4.0 - Red List of Materials & |
| | | | | tances Considered for Inclusion in the Challenge Red List |

SCREW: MS 4-40 X 3/1 %: 0.0414 - 0.0414 PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Metal RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold. OTHER MATERIAL NOTES: IRON ID: 7439-89-6 HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-12-08 8:04:28 %: 66.4200 - 70.9200 GreenScreen: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Alloy element HAZARD TYPE LIST NAME AND SOURCE WARNINGS END **TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor** ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION None found No listings found on Additional Hazard Lists SUBSTANCE NOTES: **CHROMIUM, METALLIC** ID: 7440-47-3 HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-12-08 8:04:30 %: 18.0000 - 20.0000 GreenScreen: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Alloy element

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---------------------|--|---|
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| SKI | МАК | Sensitizing Substance Sh - Danger of skin sensitization |
| GEN | GHS - Japan | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2] |
| REP | GHS - New Zealand | Reproductive toxicity category 2 |
| МАМ | GHS - Japan | H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2] |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Cosmetics & Personal Care Products |
| SUBSTANCE NOTES: | | |

| NICKEL (METALLIC) | | | | ID: 7440-02-0 |
|---------------------|---------------------------------------|------------|---------------|-------------------------------|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SCI | REENING DATE: | 2022-12-08 8:04:32 |
| %: 8.0000 - 10.5000 | GreenScreen: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|---|---|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | МАК | Carcinogen Group 1 - Substances that cause cancer in man |
| CAN | IARC | Group 1 - Agent is Carcinogenic to humans |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | US NIH - Report on Carcinogens | Known to be a human Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| RES | МАК | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| CAN | GHS - New Zealand | Carcinogenicity category 2 |
| CAN | GHS - Japan | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| MAM | GHS - Japan | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| CAN | EU - Annex VI CMRs | Carcinogen Category 2 - Suspected human Carcinogen |
| SKI | GHS - New Zealand | Skin sensitisation category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - acute category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 1 |
| CAN | GHS - Australia | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Footwear, Apparel & Jewelry Products |
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes of Problematic Chemicals |
| | | Certain Metals |
| | | |

| NAAN | | ECE |
|-------------|-----|-----|
| MAN | GAN | EDE |
| | | |

ID: 7439-96-5

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SO | CREENING DATE: | 2022-12-08 8:04:25 |
|---------------------|--|-----------|------------------------------------|--|
| %: 2.0000 - 2.0000 | GreenScreen: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | uptors | Potential Endoc | rine Disruptor |
| MUL | German FEA - Substances Haza Waters | rdous to | Class 2 - Hazard | d to Waters |
| REP | GHS - Japan | | H360 - May dam reproduction - C | nage fertility or the unborn child [Toxic to Category 1B] |
| МАМ | GHS - Japan | | repeated expos | damage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1] |
| МАМ | GHS - Australia | | repeated expos | damage to organs through prolonged or ure [Specific target organ toxicity - ure - Category 1] |
| МАМ | GHS - Japan | | | damage to organs [Specific target c toxicity following single exposure - |
| AQU | GHS - New Zealand | | Hazardous to th category 3 | e aquatic environment - chronic |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
| | | Children's Products |

| SI | LI | С | Ο | Ν |
|----|----|---|---|---|
| | | | | |

ID: 7440-21-3

| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | HAZARD SC | REENING DATE: | 2022-12-08 8:04:26 |
|---------------------|---------------------------------------|-----------|---------------|---|
| %: 1.0000 - 1.0000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warr | nings found on HPD Priority Hazard Lis |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No | listings found on Additional Hazard Lis |

SUBSTANCE NOTES:

| GRAPHITE | | | | ID: 7440-44-0 | |
|-------------------------|---------------------------------------|--|----------------|---|--|
| HAZARD DATA SOURCE: F | Pharos Chemical and Materials Library | HAZARD S | CREENING DATE: | 2022-12-08 8:04:28 | |
| %: 0.0800 - 0.0800 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Alloy element | |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| None found | | | No warr | nings found on HPD Priority Hazard Lists | |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
| RESTRICTED LIST | Green Science Policy Institute (C | reen Science Policy Institute (GSPI) G | | GSPI - Six Classes of Problematic Chemicals | |
| | | | Antimicrobials | | |
| SUBSTANCE NOTES: | | | | | |
| | | | | | |
| PLUG:1006 MA PLUNGER | %: 0.0236 - 0.0236 | | | | |
| PRODUCT THRESHOLD: 1000 | ppm RESIDUALS AND IMPURITI | ES EVALUAT | ION COMPLETED | : No MATERIAL TYPE: Metal | |

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

| ALUMINUM POWDER | | | ID: 7429-90-5 |
|------------------------|---|---------------------------|---|
| HAZARD DATA SOURCE: | Pharos Chemical and Materials Library | AZARD SCREENING DATE: 202 | 2-12-08 8:04:30 |
| %: 100.0000 - 100.0000 | GreenScreen: BM-1 | C: None NANO: No St | JBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS | |
| END | TEDX - Potential Endocrine Disr | ors Potential Endocrine | Disruptor |
| МАМ | GHS - Japan | repeated exposure [S | ge to organs through prolonged or pecific target organs/systemic eated exposure - Category 1] |
| РНҮ | GHS - New Zealand | Flammable solids cat | egory 1 |
| MAM | GHS - Japan | | ge to organs [Specific target city following single exposure - |
| РНҮ | GHS - Japan | | n water releases flammable gas tures, which in contact with water, s - Category 2] |
| РНҮ | GHS - Malaysia | | pontaneously if exposed to air yrophoric solids - Category 1] |
| РНҮ | GHS - Australia | | pontaneously if exposed to air yrophoric solids - Category 1] |
| PHY | GHS - New Zealand | Pyrophoric solids cat | egory 1 |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION | |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | | luct Standard Restricted) - Effective July 1, 2022 |
| | | Biological and Enviro | nmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innov Institute (C2CPII) | | luct Standard Restricted) - Effective July 1, 2022 |
| | | Children's Products | |
| SUBSTANCE NOTES: | | | |

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS

Inherently non-emitting source per LEED

CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: Applicable to all facilities. CERTIFICATE URL: ISSUE DATE: 2022-11-29 EXPIRY DATE: CERTIFIER OR LAB: None

CERTIFICATION AND COMPLIANCE NOTES:

😑 Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

Section 5: General Notes

This Health Product Declaration was prepared by Sustainable Solutions Corporation of Royersford, PA on behalf of ASSA ABLOY.

MANUFACTURER INFORMATION

MANUFACTURER: ASSA ABLOY ADDRESS: 110 Sargent Drive New Haven CT 06511, United States WEBSITE: www.assaabloydss.com/sustainability CONTACT NAME: Amy Musanti TITLE: Director of Sustainable Building Solutions PHONE: (203) 603-5919 EMAIL: Amy.Musanti@assaabloy.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity CAN Cancer DEV Developmental toxicity END Endocrine activity EYE Eye irritation/corrosivity GEN Gene mutation GLO Global warming LAN Land toxicity MAM Mammalian/systemic/organ toxicity MUL Multiple NEU Neurotoxicity NF Not found on Priority Hazard Lists OZO Ozone depletion PBT Persistent, bioaccumulative, and toxic PHY Physical hazard (flammable or reactive) REP Reproductive RES Respiratory sensitization SKI Skin sensitization/irritation/corrosivity UNK Unknown

LT-P1 List Translator Possible 1 (Possible Benchmark-1) LT-1 List Translator 1 (Likely Benchmark-1) LT-UNK List Translator Benchmark Unknown NoGS No GreenScreen.

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)
BM-3 Benchmark 3 (use but still opportunity for improvement)
BM-2 Benchmark 2 (use but search for safer substitutes)
BM-1 Benchmark 1 (avoid - chemical of high concern)
BM-U Benchmark Unspecified (due to insufficient data)

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

Recycled Types

PreC Pre-consumer recycled content PostC Post-consumer recycled content UNK Inclusion of recycled content is unknown None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material Nested Method / Product Threshold Substances listed within each material per threshold indicated per product Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology Third Party Verified Verification by independent certifier approved by HPDC Preparer Third party preparer, if not self-prepared by manufacturer Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.