

HPD UNIQUE IDENTIFIER: 187168332800

CLASSIFICATION: 10 56 13 Metal Storage Shelving

PRODUCT DESCRIPTION: Spacesaver High-Density Mobile Storage Systems give you significantly greater storage capacity per square foot of floor space. In many applications, Spacesaver High-Density Mobile Storage Systems are three times more space efficient than conventional filing and shelving at half the cost. Investment costs can typically be recovered in two years or less, and savings will continue year after year. Made in the USA. This HPD covers Spacesaver's Mobile Storage with standard features.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

|  |  |   |  |
|--|--|---|--|
| <b>Inventory Reporting Format</b>                        | <b>Threshold Level</b>                   | <b>Residuals/Impurities Evaluation</b>                        | <i>For all contents above the threshold, the manufacturer has:</i>                 |
| <input checked="" type="radio"/> Nested Materials Method | <input checked="" type="radio"/> 100 ppm | Completed in 7 of 7 Materials                                 | <b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <input type="radio"/> Basic Method                       | <input type="radio"/> 1,000 ppm          | <b>Explanation(s) provided for Residuals/Impurities?</b>      | <i>Provided weight and role.</i>   |
| <b>Threshold Disclosed Per</b>                           | <input type="radio"/> Per GHS SDS        | <input checked="" type="radio"/> Yes <input type="radio"/> No | <b>Screened</b> <input checked="" type="radio"/> Yes <input type="radio"/> No      |
| <input type="radio"/> Material                           | <input type="radio"/> Other              |   | <i>Provided screening results using HPDC-approved methods.</i>                     |
| <input checked="" type="radio"/> Product                 |  |   | <b>Identified</b> <input type="radio"/> Yes <input checked="" type="radio"/> No    |
|  |  |   | <i>Provided name and CAS RN or other identifier.</i>                               |

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

STEEL ALLOY [ IRON, ELEMENTAL LT-P1 ] END MANGANESE LT-P1 ]  
END | MUL | REP | MAM | AQU CARBON LT-UNK COPPER LT-P1 ] MUL  
| AQU | MAM ALUMINUM BM-1 ] END | PHY | MAM CHROMIUM LT-P1 ]  
END | SKI | MAM | REP | RES SULFUR LT-UNK ] SKI | MAM  
PHOSPHORUS BM-2 ] MAM | PHY | EYE | AQU | SKI NICKEL LT-1 ]  
CAN | MUL | RES | MAM | SKI | AQU SILICON, ELEMENTAL LT-UNK  
MOLYBDENUM LT-UNK ] MAM | SKI | REP ] ANCHORING GROUT [  
CALCIUM SULFATE LT-UNK ] MAM PORTLAND CEMENT LT-P1 ] CAN  
| END | MAM QUARTZ BM-1 ] CAN | MAM | GEN ] HARDWARE [ IRON,  
ELEMENTAL LT-P1 ] END NYLON LT-UNK CARBON LT-UNK  
CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK  
CHROMIUM LT-P1 ] END | SKI | MAM | REP | RES NICKEL LT-1 ] CAN |  
MUL | RES | MAM | SKI | AQU POLYPROPYLENE LT-UNK  
MANGANESE LT-P1 ] END | MUL | REP | MAM | AQU POLYETHYLENE  
LT-UNK ] GALVANIZED STEEL ALLOY [ IRON, ELEMENTAL LT-P1 ]  
END ZINC, ELEMENTAL LT-P1 ] MUL | AQU MANGANESE LT-P1 ] END  
| MUL | REP | MAM | AQU ] POWDER COATING [ LIMESTONE BM-3dg  
UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 ] END TITANIUM  
DIOXIDE BM-1 ] CAN | END | MAM CALCIUM SULFATE LT-UNK ] MAM  
UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK ALUMINUM  
HYDROXIDE BM-2 ] SKI | EYE UNDISCLOSED BM-1 ] SKI | MUL | MAM  
| AQU UNDISCLOSED LT-UNK UNDISCLOSED BM-2 ] REP | AQU  
UNDISCLOSED BM-2 CARBON BLACK BM-1 ] CAN | EYE | MAM | PHY  
UNDISCLOSED NoGS UNDISCLOSED LT-P1 ] MUL UNDISCLOSED  
BM-1 ] CAN | MAM UNDISCLOSED BM-1 ] TRIMELLITIC ANHYDRIDE  
LT-UNK ] RES | EYE | MAM | SKI UNDISCLOSED LT-UNK  
UNDISCLOSED LT-P1 ] MUL UNDISCLOSED LT-P1 ] CAN | EYE  
UNDISCLOSED LT-UNK ] MAM UNDISCLOSED LT-UNK  
UNDISCLOSED NoGS UNDISCLOSED LT-P1 ] MUL ] ALUMINUM

Number of Greenscreen BM-4/BM3 contents ... 1

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.3, and discloses hazards associated with all substances present at or above 100 parts per million (ppm) in the finished product, along with the role and percent weight.

\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

**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: SCS Indoor Advantage Gold  
LCA: Environmental Product Declaration (EPD) by SCS

**CONSISTENCY WITH OTHER PROGRAMS**  
Pre-checked for LEED v4 Option 1.  
Pre-checked for LEED v4.1 Option 1.

Third Party Verified?

- ☐ Yes  
☒ No

PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2024-06-04  
PUBLISHED DATE: 2024-06-04  
EXPIRY DATE: 2027-06-04

Section 2: Content in Descending Order of Quantity

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](http://www.hpd-collaborative.org/hpd-2-3-standard)

STEEL ALLOY

%: 82.0000 - 83.0000

PRODUCT THRESHOLD: 100 ppm
 RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes
 MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosures and as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Mobile carriage, rail, face panel.

IRON, ELEMENTAL

ID: 7439-89-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library
 HAZARD SCREENING DATE: 2024-06-04 13:19:42

%: 98.5000 - 99.8000
 GreenScreen: LT-P1
 RC: PostC
 NANO: No
 SUBSTANCE ROLE: Structure component

| 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: LEED® allows a default value of 25% post-consumer recycled content for steel. Although most steel used by Spacesaver has a much higher recycled content and includes both pre- and post-consumer content, we have chosen to report this default value due to the variability of recycled content between orders.

MANGANESE

ID: 7439-96-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library
 HAZARD SCREENING DATE: 2024-06-04 13:19:42

%: 0.1400 - 0.9000
 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 Waters            | Class 3 - Severe Hazard to 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]                   |
| AQU                 | GHS - New Zealand                                      | Hazardous to the aquatic environment - chronic category 3   |
| AQU                 | GHS - Japan  | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]  |
| AQU                 | GHS - Japan  | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]                                      |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                   | NOTIFICATION  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPH) | 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 (C2CPH) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022   |
|                     |  | Children's Products   |
| SUBSTANCE NOTES:    |  |   |

CARBON

ID: 7440-44-0

|  |                                       |                 |   |                                      |  |
|--|---------------------------------------|-----------------|---|--------------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       |                 | HAZARD SCREENING DATE: <b>2024-06-04 13:19:42</b> |                                      |  |
| %: <b>0.0300 - 0.5000</b>  | GreenScreen: <b>LT-UNK</b>            | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Alloy element</b> |  |
| HAZARD TYPE  | LIST NAME AND SOURCE                  |                 | WARNINGS  |                                      |  |
| None found   |                                       |                 | No warnings found on HPD Priority Hazard Lists    |                                      |  |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE                  |                 | NOTIFICATION                                      |                                      |  |
| RESTRICTED LIST  | Green Science Policy Institute (GSPI) |                 | GSPI - Six Classes Precautionary List             |                                      |  |
|  |                                       |                 | Antimicrobials                                    |                                      |  |
| SUBSTANCE NOTES:   |                                       |                 |   |                                      |  |

## ID: 7440-50-8

HAZARD SCREENING DATE: 2024-06-04 13:19:43

SUBSTANCE ROLE: Alloy element

| HAZARD TYPE         | LIST NAME AND SOURCE                                     | WARNINGS   |
|---------------------|--|--|
| MUL                 | German FEA - Substances Hazardous to Waters              | Class 3 - Severe Hazard to Waters  |
| AQU                 | EU - GHS (H-Statements) Annex 6 Table 3-1                | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]                                 |
| MAM                 | GHS - Japan  | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]  |
| MAM                 | GHS - Japan  | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]                                     |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION   |
| RESTRICTED LIST     | Perkins+Will (P+W)                                       | P&W - Precautionary List<br><br>Precautionary list of substances recommended for avoidance   |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                    | GSPI - Six Classes Precautionary List<br><br>Antimicrobials  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                               |

SUBSTANCE NOTES:

## ID: 7429-90-5

HAZARD SCREENING DATE: 2024-06-04 13:19:43

SUBSTANCE ROLE: Alloy element

| HAZARD TYPE  | LIST NAME AND SOURCE                                    | WARNINGS  |
|--|---|---|
| END  | TEDX - Potential Endocrine Disruptors                   | Potential Endocrine Disruptor   |
| PHY  | EU - GHS (H-Statements) Annex 6 Table 3-1               | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]  |
| 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 - Japan   | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]  |
| PHY  | GHS - Japan   | H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water, emit flammable gases - Category 2]             |
| PHY  | GHS - Malaysia  | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]  |
| PHY  | GHS - Australia   | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]  |
| PHY  | GHS - New Zealand                                       | Pyrophoric solids 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<br><br>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<br><br>Children's Products                                    |
| SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-1 was provided by the HPD Builder Tool. |   |   |

|   |                    |  |          |                               |
|---|--------------------|--|----------|-------------------------------|
| CHROMIUM  |                    |  |          | ID: 7440-47-3                 |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                    | HAZARD SCREENING DATE: 2024-06-04 13:19:44 |          |                               |
| %: 0.0000 - 0.0600  | 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  |
| MAM                 | GHS - Japan  | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]  |
| REP                 | GHS - New Zealand  | Reproductive toxicity category 2   |
| RES                 | GHS - Japan  | H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1A]                           |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION   |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                               |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products                |
| SUBSTANCE NOTES:    |  |  |

SULFUR

ID: 7704-34-9

|  |   |   |  |                                      |
|--|---|---|--|--------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |   | HAZARD SCREENING DATE: <b>2024-06-04 13:19:44</b> |  |                                      |
| %: <b>0.0000 - 0.0500</b>  | GreenScreen: <b>LT-UNK</b>                | RC: <b>None</b>                                   | NANO: <b>No</b>  | SUBSTANCE ROLE: <b>Alloy element</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE                      |   | WARNINGS   |                                      |
| SKI  | EU - GHS (H-Statements) Annex 6 Table 3-1 |   | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]   |                                      |
| SKI  | GHS - New Zealand                         |   | Skin irritation category 2   |                                      |
| SKI  | GHS - Australia                           |   | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]   |                                      |
| MAM  | GHS - Japan                               |   | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |                                      |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE                      |   | NOTIFICATION   |                                      |
| RESTRICTED LIST  | Green Science Policy Institute (GSPI)     |   | GSPI - Six Classes Precautionary List  |                                      |
|  |   |   | Antimicrobials   |                                      |
| SUBSTANCE NOTES:   |   |   |  |                                      |

|  |  |   |   |                                      |
|--|--|---|---|--------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                       |  |   | HAZARD SCREENING DATE: <b>2024-06-04 13:19:44</b> |                                      |
| %: <b>0.0000 - 0.0400</b>  | GreenScreen: <b>BM-2</b>                                 | RC: <b>None</b>   | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Alloy element</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE                                     | WARNINGS  |   |                                      |
| MAM  | US EPA - EPCRA Extremely Hazardous Substances            | Extremely Hazardous 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 - 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 (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |   |                                      |
|  |  | Cosmetics & Personal Care Products  |   |                                      |
| SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-2 was provided by the HPD Builder Tool. |  |   |   |                                      |

|  |                          |                 |   |                                      |
|--|--------------------------|-----------------|---|--------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2024-06-04 13:19:44</b> |                                      |
| %: <b>0.0000 - 0.0400</b>  | GreenScreen: <b>LT-1</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Alloy element</b> |



| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS  |
|-------------|---|---|
| CAN         | US CDC - Occupational Carcinogens           | Occupational Carcinogen   |
| CAN         | MAK   | Carcinogen Group 1 - Substances that cause cancer in man  |
| MUL         | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters   |
| 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         | MAK   | Sensitizing Substance Sah - Danger of airway & skin sensitization   |
| 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     | Green Science Policy Institute (GSPI)                   | GSPI - Six Classes Precautionary List<br><br>Certain Metals  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>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<br><br>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<br><br>Footwear, Apparel & Jewelry Products              |
| SUBSTANCE NOTES:    |   |  |

|  |                            |  |   |                                      |
|--|----------------------------|--|---|--------------------------------------|
| SILICON, ELEMENTAL   |                            |  |   | ID: 7440-21-3                        |
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |  | HAZARD SCREENING DATE: <b>2024-06-04 13:19:45</b> |                                      |
| %: <b>0.0000 - 0.0300</b>  | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Alloy element</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE       | WARNINGS                                       |   |                                      |
| None found   |                            | No warnings found on HPD Priority Hazard Lists |   |                                      |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE       | NOTIFICATION                                   |   |                                      |
| None found   |                            | No listings found on Additional Hazard Lists   |   |                                      |
| SUBSTANCE NOTES:   |                            |  |   |                                      |

|   |                      |   |          |                               |
|---|----------------------|---|----------|-------------------------------|
| MOLYBDENUM  |                      |   |          | ID: 7439-98-7                 |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                      | HAZARD SCREENING DATE: 2024-06-04 13:19:45  |          |                               |
| %: 0.0000 - 0.0200  | GreenScreen: LT-UNK  | RC: None  | NANO: No | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE   | LIST NAME AND SOURCE | WARNINGS  |          |                               |
| MAM   | GHS - Japan          | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3] |          |                               |
| SKI   | GHS - Japan          | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                |          |                               |
| REP   | GHS - New Zealand    | Reproductive toxicity category 2  |          |                               |
| ADDITIONAL LISTINGS                                       | LIST NAME AND SOURCE | NOTIFICATION  |          |                               |
| None found  |                      | No listings found on Additional Hazard Lists  |          |                               |

SUBSTANCE NOTES:

ANCHORING GROUT %: 8.0000 - 9.0000

PRODUCT THRESHOLD: 100 ppm      RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes      MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: Residuals or impurities with the potential to be present at or above the Content Inventory Threshold indicated that return a GS score of BM-1, LT-1, LT-P1 or NoGS have been disclosed, based on information provided in supplier documentation and as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES:

CALCIUM SULFATE ID: 7778-18-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library      HAZARD SCREENING DATE: 2024-06-04 13:19:45

%: 90.0000 - 98.0000      GreenScreen: LT-UNK      RC: None      NANO: No      SUBSTANCE ROLE: Binder

| HAZARD TYPE         | LIST NAME AND SOURCE | WARNINGS  |
|---------------------|----------------------|---|
| MAM                 | GHS - Japan          | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3] |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION  |
| None found          |                      | No listings found on Additional Hazard Lists  |

SUBSTANCE NOTES:

PORTLAND CEMENT ID: 65997-15-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library      HAZARD SCREENING DATE: 2024-06-04 13:19:45

%: 2.0000 - 10.0000      GreenScreen: LT-P1      RC: None      NANO: No      SUBSTANCE ROLE: Binder

| HAZARD TYPE         | LIST NAME AND SOURCE                  | WARNINGS  |
|---------------------|---------------------------------------|---|
| CAN                 | MAK                                   | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification  |
| END                 | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor   |
| MAM                 | GHS - Japan                           | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]   |
| MAM                 | GHS - Japan                           | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| 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 SCREENING DATE: 2024-06-04 13:19:46

%: 0.0000 - 1.0000

GreenScreen: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Impurity/Residual

| HAZARD TYPE         | LIST NAME AND SOURCE              | WARNINGS  |
|---------------------|-----------------------------------|---|
| CAN                 | US CDC - Occupational Carcinogens | Occupational Carcinogen**   |
| CAN                 | CA EPA - Prop 65                  | Carcinogen - specific to chemical form or exposure route**  |
| CAN                 | US NIH - Report on Carcinogens    | Known to be Human Carcinogen (respirable size - occupational setting)**   |
| CAN                 | MAK                               | Carcinogen Group 1 - Substances that cause cancer in man**  |
| CAN                 | IARC                              | Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources**   |
| CAN                 | IARC                              | Group 1 - Agent is Carcinogenic to humans**   |
| CAN                 | US NIH - Report on Carcinogens    | Known to be a human Carcinogen**  |
| CAN                 | GHS - Japan                       | H350 - May cause cancer [Carcinogenicity - Category 1A]**   |
| CAN                 | GHS - Australia                   | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]**  |
| CAN                 | GHS - New Zealand                 | Carcinogenicity category 1**  |
| MAM                 | GHS - Japan                       | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]** |
| GEN                 | GHS - Japan                       | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]**   |
| MAM                 | GHS - Australia                   | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]**                   |
| MAM                 | GHS - New Zealand                 | Specific target organ toxicity - repeated exposure category 1**   |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE              | NOTIFICATION  |
| None found          |                                   | No listings found on Additional Hazard Lists  |

SUBSTANCE NOTES: \*\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

HARDWARE

%: 2.5000 - 3.0000

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosures and as predicted by process chemistry (Pharos CML).

|  |                                       |                 |   |  |  |
|--|---------------------------------------|-----------------|---|--|--|
| IRON, ELEMENTAL  |                                       |                 |   | ID: 7439-89-6                              |  |
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       |                 | HAZARD SCREENING DATE: <b>2024-06-04 13:19:46</b> |  |  |
| %: <b>88.0000 - 88.5000</b>                                      | GreenScreen: <b>LT-P1</b>             | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Structure component</b> |  |
| 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:   |                                       |                 |   |  |  |

|   |                      |          |  |                                     |  |
|---|----------------------|----------|--|-------------------------------------|--|
| NYLON   |                      |          |  | ID: 25038-54-4                      |  |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                      |          | HAZARD SCREENING DATE: 2024-06-04 13:19:45     |                                     |  |
| %: 5.0000 - 6.0000  | GreenScreen: LT-UNK  | RC: None | NANO: No                                       | SUBSTANCE ROLE: Structure component |  |
| HAZARD TYPE   | LIST NAME AND SOURCE |          | WARNINGS                                       |                                     |  |
| None found  |                      |          | No warnings found on HPD Priority Hazard Lists |                                     |  |
| ADDITIONAL LISTINGS                                       | LIST NAME AND SOURCE |          | NOTIFICATION                                   |                                     |  |
| None found  |                      |          | No listings found on Additional Hazard Lists   |                                     |  |
| SUBSTANCE NOTES:  |                      |          |  |                                     |  |

|  |                                       |                 |   |                                      |  |
|--|---------------------------------------|-----------------|---|--------------------------------------|--|
| CARBON   |                                       |                 |   | ID: 7440-44-0                        |  |
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       |                 | HAZARD SCREENING DATE: <b>2024-06-04 13:19:46</b> |                                      |  |
| %: <b>0.1000 - 3.0000</b>  | GreenScreen: <b>LT-UNK</b>            | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Alloy element</b> |  |
| HAZARD TYPE  | LIST NAME AND SOURCE                  |                 | WARNINGS  |                                      |  |
| None found   |                                       |                 | No warnings found on HPD Priority Hazard Lists    |                                      |  |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE                  |                 | NOTIFICATION                                      |                                      |  |
| RESTRICTED LIST  | Green Science Policy Institute (GSPI) |                 | GSPI - Six Classes Precautionary List             |                                      |  |
|  |                                       |                 | Antimicrobials                                    |                                      |  |
| SUBSTANCE NOTES:   |                                       |                 |   |                                      |  |

|   |  |  |  |  |                |
|---|--|--|--|--|----------------|
| CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE           |  |  |  |  | ID: 65997-17-3 |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |  |  | HAZARD SCREENING DATE: 2024-06-04 13:19:46 |  |                |

| HAZARD TYPE         | LIST NAME AND SOURCE                         | WARNINGS   |
|---------------------|--|--|
| None found          |  | No warnings found on HPD Priority Hazard Lists   |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                         | NOTIFICATION   |
| EXEMPT              | European Union / European Commission (EU EC) | EU - REACH Exemptions<br><br>Exempted from REACH Annex V listing due to intrinsic safety |
| SUBSTANCE NOTES:    |  |  |

CHROMIUM

ID: 7440-47-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-06-04 13:19:46

| HAZARD TYPE         | LIST NAME AND SOURCE                                     | WARNINGS   |
|---------------------|--|--|
| END                 | TEDX - Potential Endocrine Disruptors                    | Potential Endocrine Disruptor  |
| SKI                 | MAK  | Sensitizing Substance Sh - Danger of skin sensitization  |
| MAM                 | GHS - Japan  | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]  |
| REP                 | GHS - New Zealand  | Reproductive toxicity category 2   |
| RES                 | GHS - Japan  | H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1A]                           |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION   |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                               |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products                |
| SUBSTANCE NOTES:    |  |  |

NICKEL

ID: 7440-02-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-06-04 13:19:46

| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS  |
|-------------|---|---|
| CAN         | US CDC - Occupational Carcinogens           | Occupational Carcinogen   |
| CAN         | MAK   | Carcinogen Group 1 - Substances that cause cancer in man  |
| MUL         | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters   |
| 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         | MAK   | Sensitizing Substance Sah - Danger of airway & skin sensitization   |
| 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     | Green Science Policy Institute (GSPI)                    | GSPI - Six Classes Precautionary List<br><br>Certain Metals  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                               |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Footwear, Apparel & Jewelry Products              |

SUBSTANCE NOTES:

## POLYPROPYLENE

ID: 9003-07-0

|   |                      |  |   |  |
|---|----------------------|--|---|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>  |                      |  | HAZARD SCREENING DATE: <b>2024-06-04 13:19:47</b> |  |
| <div> <div>%: <b>0.5000 - 1.0000</b></div> <div>GreenScreen: <b>LT-UNK</b></div> <div>RC: <b>None</b></div> <div>NANO: <b>No</b></div> <div>SUBSTANCE ROLE: <b>Structure component</b></div> </div> |                      |  |   |  |
| HAZARD TYPE   | LIST NAME AND SOURCE |  | WARNINGS  |  |
| None found  |                      |  | No warnings found on HPD Priority Hazard Lists    |  |
| ADDITIONAL LISTINGS   | LIST NAME AND SOURCE |  | NOTIFICATION                                      |  |
| None found  |                      |  | No listings found on Additional Hazard Lists      |  |

SUBSTANCE NOTES:

## MANGANESE

ID: 7439-96-5

|  |                           |                 |   |                                      |
|--|---------------------------|-----------------|---|--------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                           |                 | HAZARD SCREENING DATE: <b>2024-06-04 13:19:47</b> |                                      |
| %: <b>0.5000 - 0.8000</b>  | GreenScreen: <b>LT-P1</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Alloy element</b> |



| HAZARD TYPE         | LIST NAME AND SOURCE                                   | WARNINGS  |
|---------------------|--|---|
| END                 | TEDX - Potential Endocrine Disruptors                  | Potential Endocrine Disruptor   |
| MUL                 | German FEA - Substances Hazardous to Waters            | Class 3 - Severe Hazard to 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]                   |
| AQU                 | GHS - New Zealand                                      | Hazardous to the aquatic environment - chronic category 3   |
| AQU                 | GHS - Japan  | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]  |
| AQU                 | GHS - Japan  | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]                                      |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                   | NOTIFICATION  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPH) | 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 (C2CPH) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022   |
|                     |  | Children's Products   |
| SUBSTANCE NOTES:    |  |   |

POLYETHYLENE

ID: 9002-88-4

|  |                            |  |   |  |
|--|----------------------------|--|---|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |  | HAZARD SCREENING DATE: <b>2024-06-04 13:19:47</b> |  |
| %: <b>0.1000 - 0.5000</b>  | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Structure component</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE       | WARNINGS                                       |   |  |
| None found   |                            | No warnings found on HPD Priority Hazard Lists |   |  |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE       | NOTIFICATION                                   |   |  |
| None found   |                            | No listings found on Additional Hazard Lists   |   |  |
| SUBSTANCE NOTES:   |                            |  |   |  |

PRODUCT THRESHOLD: 100 ppmRESIDUALS AND IMPURITIES EVALUATION COMPLETED: YesMATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosures and as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Mobile carriage, rail form cover.

IRON, ELEMENTALID: 7439-89-6

|  |                                       |                 |   |  |
|--|---------------------------------------|-----------------|---|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       |                 | HAZARD SCREENING DATE: <b>2024-06-04 13:19:47</b> |  |
| %: <b>93.8000 - 97.3000</b>                                      | GreenScreen: <b>LT-P1</b>             | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Structure component</b> |
| 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:   |                                       |                 |   |  |

ZINC, ELEMENTALID: 7440-66-6

|  |  |   |   |                                |
|--|--|---|---|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |  |   | HAZARD SCREENING DATE: <b>2024-06-04 13:19:47</b>         |                                |
| %: <b>0.7000 - 2.3000</b>  | GreenScreen: <b>LT-P1</b>                                | RC: <b>None</b>   | NANO: <b>No</b>   | SUBSTANCE ROLE: <b>Coating</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE                                     |   | WARNINGS  |                                |
| MUL  | German FEA - Substances Hazardous to Waters              |   | Class 3 - Severe Hazard to Waters                         |                                |
| AQU  | GHS - New Zealand  |   | Hazardous to the aquatic environment - acute category 1   |                                |
| AQU  | GHS - New Zealand  |   | Hazardous to the aquatic environment - chronic category 1 |                                |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE                                     |   | NOTIFICATION  |                                |
| RESTRICTED LIST  | Green Science Policy Institute (GSPI)                    | GSPI - Six Classes Precautionary List   |   |                                |
|  |  | Antimicrobials  |   |                                |
| RESTRICTED LIST  | Cradle to Cradle Products Innovation Institute (C2CP II) | 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 (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |   |                                |
|  |  | Children's Products   |   |                                |
| SUBSTANCE NOTES:   |  |   |   |                                |

|  |   |                 |   |                                      |
|--|---|-----------------|---|--------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |   |                 | HAZARD SCREENING DATE: <b>2024-06-04 13:19:47</b>   |                                      |
| %: <b>0.5000 - 1.7000</b>  | GreenScreen: <b>LT-P1</b>                               | RC: <b>None</b> | NANO: <b>No</b>   | SUBSTANCE ROLE: <b>Alloy element</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE                                    |                 | WARNINGS  |                                      |
| END  | TEDX - Potential Endocrine Disruptors                   |                 | Potential Endocrine Disruptor   |                                      |
| MUL  | German FEA - Substances Hazardous to Waters             |                 | Class 3 - Severe Hazard to 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]                   |                                      |
| AQU  | GHS - New Zealand                                       |                 | Hazardous to the aquatic environment - chronic category 3   |                                      |
| AQU  | GHS - Japan   |                 | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]  |                                      |
| AQU  | GHS - Japan   |                 | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - 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   |                                      |
| SUBSTANCE NOTES:   |   |                 |   |                                      |

POWDER COATING

%: 1.5000 - 2.0000

|  |  |                                   |
|--|--|-----------------------------------|
| PRODUCT THRESHOLD: 100 ppm   | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Polymeric Material |
| RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosures and as predicted by process chemistry (Pharos CML). |  |                                   |
| OTHER MATERIAL NOTES: Information provided represents 12 of our standard colors. Additional standard colors and custom colors are available. Please contact manufacturer for more information.   |  |                                   |

|   |  |
|---|--|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library | HAZARD SCREENING DATE: 2024-06-04 13:19:47 |
|---|--|

| HAZARD TYPE  | LIST NAME AND SOURCE | WARNINGS                                       |
|--|----------------------|--|
| None found   |                      | No warnings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE | NOTIFICATION                                   |
| None found   |                      | No listings found on Additional Hazard Lists   |
| SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-3dg was provided by the HPD Builder Tool. Percent by weight of substance given as range to account for formulation differences of the various available colors, and due to disclosure preference of supplier. |                      |  |

UNDISCLOSED

ID: Undisclosed

|  |                            |                 |   |                               |
|--|----------------------------|-----------------|---|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>   |                            |                 | HAZARD SCREENING DATE: <b>2024-06-04 13:19:47</b> |                               |
| %: <b>20.0000 - 35.0000</b>  | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Binder</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE       |                 | WARNINGS  |                               |
| None found   |                            |                 | No warnings found on HPD Priority Hazard Lists    |                               |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE       |                 | NOTIFICATION                                      |                               |
| None found   |                            |                 | No listings found on Additional Hazard Lists      |                               |
| SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight of substance given as range to account for formulation differences of the various available colors, and due to disclosure preference of supplier. |                            |                 |   |                               |

UNDISCLOSED

ID: Undisclosed

|  |                                    |                 |  |                                |
|--|------------------------------------|-----------------|--|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>   |                                    |                 | HAZARD SCREENING DATE: <b>2024-06-04 13:19:48</b>              |                                |
| %: <b>20.0000 - 35.0000</b>  | GreenScreen: <b>LT-P1</b>          | RC: <b>None</b> | NANO: <b>No</b>  | SUBSTANCE ROLE: <b>Coating</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE               |                 | WARNINGS   |                                |
| END  | EU - Priority Endocrine Disruptors |                 | Category 1 - In vivo evidence of Endocrine Disruption Activity |                                |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE               |                 | NOTIFICATION   |                                |
| None found   |                                    |                 | No listings found on Additional Hazard Lists                   |                                |
| SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight of substance given as range to account for formulation differences of the various available colors, and due to disclosure preference of supplier. |                                    |                 |  |                                |

TITANIUM DIOXIDE

ID: 13463-67-7

|   |  |   |   |                                |
|---|--|---|---|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>  |  |   | HAZARD SCREENING DATE: <b>2024-06-04 13:19:48</b> |                                |
| %: <b>0.0000 - 35.0000</b>  | GreenScreen: <b>BM-1</b>                                 | RC: <b>None</b>   | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE   | LIST NAME AND SOURCE                                     | WARNINGS  |   |                                |
| CAN   | US CDC - Occupational Carcinogens                        | Occupational Carcinogen   |   |                                |
| CAN   | CA EPA - Prop 65   | Carcinogen - specific to chemical form or exposure route  |   |                                |
| CAN   | IARC   | Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources  |   |                                |
| CAN   | MAK  | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value  |   |                                |
| END   | TEDX - Potential Endocrine Disruptors                    | Potential Endocrine Disruptor   |   |                                |
| CAN   | MAK  | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels  |   |                                |
| CAN   | IARC   | Group 2b - Possibly carcinogenic to humans  |   |                                |
| CAN   | EU - GHS (H-Statements) Annex 6 Table 3-1                | H351 - Suspected of causing cancer [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] |   |                                |
| ADDITIONAL LISTINGS   | LIST NAME AND SOURCE                                     | NOTIFICATION  |   |                                |
| RESTRICTED LIST   | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022   |   |                                |
|   |  | Children's Products   |   |                                |
| RESTRICTED LIST   | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022   |   |                                |
|   |  | Formulated Consumer Products  |   |                                |
| RESTRICTED LIST   | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022   |   |                                |
|   |  | Cosmetics & Personal Care Products  |   |                                |
| POSITIVE LIST   | US Environmental Protection Agency (US EPA)              | US EPA - DfE Safer Chemicals Ingredients list (SCIL)  |   |                                |
|   |  | Colorants - Green Circle (Verified Low Concern)   |   |                                |
| SUBSTANCE NOTES: Percent by weight of substance given as range to account for formulation differences of the various available colors, and due to disclosure preference of supplier. Substance not used in every formulation; contact manufacturer if more information is required. |  |   |   |                                |

CALCIUM SULFATE

ID: 7778-18-9

|  |                            |                 |   |                               |
|--|----------------------------|-----------------|---|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2024-06-04 13:19:48</b> |                               |
| ?: <b>0.0000 - 10.0000</b>                                       | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Filler</b> |

| HAZARD TYPE   | LIST NAME AND SOURCE | WARNINGS  |
|---|----------------------|---|
| MAM   | GHS - Japan          | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3] |
| ADDITIONAL LISTINGS   | LIST NAME AND SOURCE | NOTIFICATION  |
| None found  |                      | No listings found on Additional Hazard Lists  |
| SUBSTANCE NOTES: Percent by weight of substance given as range to account for formulation differences of the various available colors, and due to disclosure preference of supplier. Substance not used in every formulation; contact manufacturer if more information is required. |                      |   |

|   |                      |  |  |                        |
|---|----------------------|--|--|------------------------|
| UNDISCLOSED   |                      |  |  | ID: Undisclosed        |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library   |                      |  | HAZARD SCREENING DATE: 2024-06-04 13:19:48 |                        |
| #: 0.0000 - 2.0000  | GreenScreen: LT-UNK  | RC: None                                       | NANO: No                                   | SUBSTANCE ROLE: Binder |
| HAZARD TYPE   | LIST NAME AND SOURCE | WARNINGS                                       |  |                        |
| None found  |                      | No warnings found on HPD Priority Hazard Lists |  |                        |
| ADDITIONAL LISTINGS   | LIST NAME AND SOURCE | NOTIFICATION                                   |  |                        |
| None found  |                      | No listings found on Additional Hazard Lists   |  |                        |
| SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance not used in every formulation; contact manufacturer if more information is required. |                      |  |  |                        |

|   |                      |          |  |                         |  |
|---|----------------------|----------|--|-------------------------|--|
| UNDISCLOSED   |                      |          |  | ID: Undisclosed         |  |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library   |                      |          | HAZARD SCREENING DATE: 2024-06-04 13:19:48     |                         |  |
| %: 0.0000 - 2.0000  | GreenScreen: LT-UNK  | RC: None | NANO: No                                       | SUBSTANCE ROLE: Coating |  |
| HAZARD TYPE   | LIST NAME AND SOURCE |          | WARNINGS                                       |                         |  |
| None found  |                      |          | No warnings found on HPD Priority Hazard Lists |                         |  |
| ADDITIONAL LISTINGS   | LIST NAME AND SOURCE |          | NOTIFICATION                                   |                         |  |
| None found  |                      |          | No listings found on Additional Hazard Lists   |                         |  |
| SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance not used in every formulation; contact manufacturer if more information is required. |                      |          |  |                         |  |

|                    |                       |
|--------------------|-----------------------|
| ALUMINUM HYDROXIDE | ID: <b>21645-51-2</b> |
|--------------------|-----------------------|

|   |  |   |                            |                               |
|---|--|---|----------------------------|-------------------------------|
| %: <b>0.0000 - 2.0000</b>   | GreenScreen: <b>BM-2</b>                                 | RC: <b>None</b>   | NANO: <b>No</b>            | SUBSTANCE ROLE: <b>Filler</b> |
| HAZARD TYPE   | LIST NAME AND SOURCE                                     |   | WARNINGS                   |                               |
| SKI   | GHS - New Zealand  |   | Skin irritation category 2 |                               |
| EYE   | GHS - New Zealand  |   | Eye irritation category 2  |                               |
| ADDITIONAL LISTINGS   | LIST NAME AND SOURCE                                     |   | NOTIFICATION               |                               |
| RESTRICTED LIST   | Cradle to Cradle Products Innovation Institute (C2CP II) | 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 (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |                            |                               |
|   |  | Children's Products   |                            |                               |
| SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-2 was provided by the HPD Builder Tool. Substance not used in every formulation; contact manufacturer if more information is required. |  |   |                            |                               |

UNDISCLOSED

ID: **Undisclosed**

|  |   |   |                 |                                   |
|--|---|---|-----------------|-----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> | HAZARD SCREENING DATE: <b>2024-06-04 13:19:49</b> |   |                 |                                   |
| %: <b>0.0000 - 1.0000</b>  | GreenScreen: <b>BM-1</b>                          | RC: <b>None</b>   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Stabilizer</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE                              | WARNINGS  |                 |                                   |
| SKI  | MAK   | Sensitizing Substance Sh - Danger of skin sensitization   |                 |                                   |
| MUL  | German FEA - Substances Hazardous to Waters       | Class 3 - Severe Hazard to Waters   |                 |                                   |
| MAM  | GHS - Japan                                       | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]   |                 |                                   |
| MAM  | GHS - Japan                                       | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |                 |                                   |
| SKI  | GHS - Japan                                       | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]  |                 |                                   |
| SKI  | GHS - New Zealand                                 | Skin sensitisation category 1   |                 |                                   |
| AQU  | GHS - Korea                                       | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]   |                 |                                   |
| AQU  | GHS - Korea                                       | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]                                 |                 |                                   |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE                              | NOTIFICATION  |                 |                                   |
| None found   |   | No listings found on Additional Hazard Lists  |                 |                                   |

SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-1 was provided by the HPD Builder Tool. Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance not used in every formulation; contact manufacturer if more information is required.

UNDISCLOSED

ID: Undisclosed

|  |                            |                 |   |   |  |
|--|----------------------------|-----------------|---|---|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2024-06-04 13:19:48</b> |   |  |
| %: <b>0.0000 - 1.0000</b>  | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Processing regulator</b> |  |
| HAZARD TYPE  | LIST NAME AND SOURCE       | WARNINGS        |   |   |  |
| None found   |                            |                 | No warnings found on HPD Priority Hazard Lists    |   |  |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE       | NOTIFICATION    |   |   |  |
| None found   |                            |                 | No listings found on Additional Hazard Lists      |   |  |

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance not used in every formulation; contact manufacturer if more information is required.

UNDISCLOSED

ID: Undisclosed

|  |                          |   |   |                                    |
|--|--------------------------|---|---|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |   | HAZARD SCREENING DATE: <b>2024-06-04 13:19:48</b> |                                    |
| %: <b>0.0000 - 1.0000</b>  | GreenScreen: <b>BM-2</b> | RC: <b>None</b>   | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Antioxidant</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE     | WARNINGS  |   |                                    |
| REP  | GHS - Japan              | H361 - Suspected of damaging fertility or the unborn child<br>[Toxic to reproduction - Category 2]                      |   |                                    |
| AQU  | GHS - Japan              | H411 - Toxic to aquatic life with long lasting effects<br>[Hazardous to the aquatic environment (chronic) - Category 2] |   |                                    |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE     | NOTIFICATION  |   |                                    |
| None found   |                          | No listings found on Additional Hazard Lists  |   |                                    |

SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-2 was provided by the HPD Builder Tool. Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance not used in every formulation; contact manufacturer if more information is required.

UNDISCLOSED

ID: Undisclosed

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |  |  | HAZARD SCREENING DATE: 2024-06-04 13:19:49 |  |  |
|---|--|--|--|--|--|



|   |                                       |                          |  |                 |                                   |
|---|---------------------------------------|--------------------------|--|-----------------|-----------------------------------|
| : 0.0000 - 1.0000   |                                       | GreenScreen: <b>BM-2</b> | RC: <b>None</b>                                | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Dispersant</b> |
| HAZARD TYPE   | LIST NAME AND SOURCE                  |                          | WARNINGS                                       |                 |                                   |
| None found  |                                       |                          | No warnings found on HPD Priority Hazard Lists |                 |                                   |
| ADDITIONAL LISTINGS   | LIST NAME AND SOURCE                  |                          | NOTIFICATION                                   |                 |                                   |
| RESTRICTED LIST   | Green Science Policy Institute (GSPI) |                          | GSPI - Six Classes Precautionary List          |                 |                                   |
|   |                                       |                          | Some Solvents                                  |                 |                                   |
| SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-2 was provided by the HPD Builder Tool. Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance not used in every formulation; contact manufacturer if more information is required. |                                       |                          |  |                 |                                   |

CARBON BLACK

ID: 1333-86-4

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>  |  |                 | HAZARD SCREENING DATE: <b>2024-06-04 13:19:49</b>   |                                |  |
|---|--|-----------------|---|--------------------------------|--|
| %: <b>0.0000 - 1.0000</b>   | GreenScreen: <b>BM-1</b>                     | RC: <b>None</b> | NANO: <b>No</b>   | SUBSTANCE ROLE: <b>Pigment</b> |  |
| HAZARD TYPE   | LIST NAME AND SOURCE                         |                 | WARNINGS  |                                |  |
| CAN   | US CDC - Occupational Carcinogens            |                 | Occupational Carcinogen   |                                |  |
| CAN   | MAK  |                 | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification  |                                |  |
| CAN   | CA EPA - Prop 65                             |                 | Carcinogen - specific to chemical form or exposure route  |                                |  |
| CAN   | IARC   |                 | Group 2b - Possibly carcinogenic to humans  |                                |  |
| 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]   |                                |  |
| MAM   | GHS - Japan                                  |                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |                                |  |
| PHY   | GHS - Japan                                  |                 | H251 - Self-heating;; may catch fire [Self-heating substances and mixtures - Category 1]  |                                |  |
| ADDITIONAL LISTINGS   | LIST NAME AND SOURCE                         |                 | NOTIFICATION  |                                |  |
| None found  | No listings found on Additional Hazard Lists |                 |   |                                |  |
| SUBSTANCE NOTES: Substance not used in every formulation; contact manufacturer if more information is required. |  |                 |   |                                |  |

UNDISCLOSED

ID: Undisclosed

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |  |  | HAZARD SCREENING DATE: 2024-06-04 13:19:49 |  |  |
|---|--|--|--|--|--|

%: 0.0000 - 1.0000      GreenScreen: NoGS      RC: None      NANO: No      SUBSTANCE ROLE: Processing regulator

| HAZARD TYPE         | LIST NAME AND SOURCE | WARNINGS                                       |
|---------------------|----------------------|--|
| None found          |                      | No warnings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                   |
| None found          |                      | No listings found on Additional Hazard Lists   |

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance not used in every formulation; contact manufacturer if more information is required.

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library      HAZARD SCREENING DATE: 2024-06-04 13:19:50

%: 0.0000 - 1.0000      GreenScreen: LT-P1      RC: None      NANO: No      SUBSTANCE ROLE: Surface modifier

| HAZARD TYPE         | LIST NAME AND SOURCE                        | WARNINGS                                     |
|---------------------|---|--|
| MUL                 | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters            |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                        | NOTIFICATION                                 |
| None found          |   | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance not used in every formulation; contact manufacturer if more information is required.

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library      HAZARD SCREENING DATE: 2024-06-04 13:19:51

%: 0.0000 - 1.0000      GreenScreen: BM-1      RC: None      NANO: No      SUBSTANCE ROLE: Filler

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS  |
|-------------|----------------------|---|
| CAN         | GHS - Japan          | H350 - May cause cancer [Carcinogenicity - Category 1A]   |
| CAN         | GHS - Australia      | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]  |
| MAM         | GHS - Japan          | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]   |
| 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]                   |

| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE                  | NOTIFICATION  |
|--|---------------------------------------|---|
| RESTRICTED LIST  | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List<br><br>Antimicrobials |
| <p>SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-1 was provided by the HPD Builder Tool. Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance not used in every formulation; contact manufacturer if more information is required.</p> |                                       |   |

UNDISCLOSED

ID: Undisclosed

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |   | HAZARD SCREENING DATE: <b>2024-06-04 13:19:50</b>  |                 |                                  |
|--|---|--|-----------------|----------------------------------|
| %: <b>0.0000 - 1.0000</b>  | GreenScreen: <b>BM-1</b>                                | RC: <b>None</b>  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Antistain</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE                                    | WARNINGS   |                 |                                  |
| None found   |   | No warnings found on HPD Priority Hazard Lists   |                 |                                  |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE                                    | NOTIFICATION   |                 |                                  |
| RESTRICTED LIST  | Perkins+Will (P+W)                                      | P&W - Precautionary List<br><br>Precautionary list of substances recommended for avoidance   |                 |                                  |
| RESTRICTED LIST  | Green Science Policy Institute (GSPI)                   | GSPI - Six Classes Precautionary List<br><br>PFAS  |                 |                                  |
| RESTRICTED LIST  | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Core Restrictions   |                 |                                  |
| RESTRICTED LIST  | International Living Future Institute (ILFI)            | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2024<br><br>Red List substances to avoid in Living Building Challenge V4.0 projects |                 |                                  |

SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-1 was provided by the HPD Builder Tool. Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance not used in every formulation; contact manufacturer if more information is required. Manufacturer is working with supplier to remove this substance class from future formulations.

TRIMELLITIC ANHYDRIDE

ID: 552-30-7

|  |                            |   |                 |                                     |
|--|----------------------------|---|-----------------|-------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2024-06-04 13:19:50</b> |                 |                                     |
| %: <b>0.0000 - 1.0000</b>  | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Curing agent</b> |

| HAZARD TYPE         | LIST NAME AND SOURCE                      | WARNINGS  |
|---------------------|---|---|
| RES                 | MAK                                       | Sensitizing Substance Sa - Danger of airway sensitization   |
| EYE                 | EU - GHS (H-Statements) Annex 6 Table 3-1 | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]   |
| 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 - Japan                               | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]  |
| EYE                 | GHS - New Zealand                         | Serious eye damage category 1   |
| EYE                 | GHS - Japan                               | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]   |
| SKI                 | GHS - New Zealand                         | Skin sensitisation category 1   |
| EYE                 | GHS - Malaysia                            | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]   |
| EYE                 | GHS - Australia                           | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]   |
| RES                 | GHS - Japan                               | H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1A]                                |
| RES                 | EU - SVHC List                            | Equivalent Concern - Candidate List: Respiratory sensitizing  |
| RES                 | EU - SVHC List                            | Equivalent Concern - Prioritization List: Respiratory sensitizing   |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                      | NOTIFICATION  |
| None found          |   | No listings found on Additional Hazard Lists  |

SUBSTANCE NOTES: Substance not used in every formulation; contact manufacturer if more information is required.

| UNDISCLOSED   |                      |  |  | ID: Undisclosed         |  |
|---|----------------------|--|--|-------------------------|--|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                      |  | HAZARD SCREENING DATE: 2024-06-04 13:19:50 |                         |  |
| ?: 0.0000 - 1.0000  | GreenScreen: LT-UNK  | RC: None                                       | NANO: No                                   | SUBSTANCE ROLE: Pigment |  |
| HAZARD TYPE   | LIST NAME AND SOURCE | WARNINGS                                       |  |                         |  |
| None found  |                      | No warnings found on HPD Priority Hazard Lists |  |                         |  |
| ADDITIONAL LISTINGS                                       | LIST NAME AND SOURCE | NOTIFICATION                                   |  |                         |  |
| None found  |                      | No listings found on Additional Hazard Lists   |  |                         |  |

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance not used in every formulation; contact manufacturer if more information is required.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-06-04 13:19:49

%: 0.0000 - 1.0000

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Processing regulator

| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS                          |
|-------------|---|-----------------------------------|
| MUL         | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                 |
|---------------------|----------------------|--|
| None found          |                      | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance not used in every formulation; contact manufacturer if more information is required.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-06-04 13:19:50

%: 0.0000 - 1.0000

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS   |
|-------------|----------------------|--|
| CAN         | MAK                  | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels |

|     |                   |                           |
|-----|-------------------|---------------------------|
| EYE | GHS - New Zealand | Eye irritation category 2 |
|-----|-------------------|---------------------------|

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                 |
|---------------------|----------------------|--|
| None found          |                      | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance not used in every formulation; contact manufacturer if more information is required.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-06-04 13:19:49

| HAZARD TYPE   | LIST NAME AND SOURCE | WARNINGS  |
|---|----------------------|---|
| MAM   | GHS - Japan          | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3] |
| ADDITIONAL LISTINGS   | LIST NAME AND SOURCE | NOTIFICATION  |
| None found  |                      | No listings found on Additional Hazard Lists  |
| SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance not used in every formulation; contact manufacturer if more information is required. |                      |   |

UNDISCLOSED

ID: Undisclosed

|   |                            |   |                 |                               |
|---|----------------------------|---|-----------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>  |                            | HAZARD SCREENING DATE: <b>2024-06-04 13:19:49</b> |                 |                               |
| %: <b>0.0000 - 1.0000</b>   | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Binder</b> |
| HAZARD TYPE   | LIST NAME AND SOURCE       | WARNINGS  |                 |                               |
| None found  |                            | No warnings found on HPD Priority Hazard Lists    |                 |                               |
| ADDITIONAL LISTINGS   | LIST NAME AND SOURCE       | NOTIFICATION                                      |                 |                               |
| None found  |                            | No listings found on Additional Hazard Lists      |                 |                               |
| SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance not used in every formulation; contact manufacturer if more information is required. |                            |   |                 |                               |

UNDISCLOSED

ID: Undisclosed

|   |                          |   |                 |                                     |
|---|--------------------------|---|-----------------|-------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>  |                          | HAZARD SCREENING DATE: <b>2024-06-04 13:19:49</b> |                 |                                     |
| %: <b>0.0000 - 1.0000</b>   | GreenScreen: <b>NoGS</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Curing agent</b> |
| HAZARD TYPE   | LIST NAME AND SOURCE     | WARNINGS  |                 |                                     |
| None found  |                          | No warnings found on HPD Priority Hazard Lists    |                 |                                     |
| ADDITIONAL LISTINGS   | LIST NAME AND SOURCE     | NOTIFICATION                                      |                 |                                     |
| None found  |                          | No listings found on Additional Hazard Lists      |                 |                                     |
| SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance not used in every formulation; contact manufacturer if more information is required. |                          |   |                 |                                     |

|   |   |   |  |   |  |
|---|---|---|--|---|--|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library   |   |   | HAZARD SCREENING DATE: 2024-06-04 13:19:49 |   |  |
| %: 0.0000 - 1.0000  | GreenScreen: LT-P1                                      | RC: None  | NANO: No                                   | SUBSTANCE ROLE: Antimicrobial Pesticide |  |
| HAZARD TYPE   | LIST NAME AND SOURCE                                    |   | WARNINGS                                   |   |  |
| MUL   | German FEA - Substances Hazardous to Waters             |   | Class 3 - Severe Hazard to Waters          |   |  |
| 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: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance not used in every formulation; contact manufacturer if more information is required. |   |   |  |   |  |

ALUMINUM ALLOY

%: 1.5000 - 2.0000

|  |  |                      |
|--|--|----------------------|
| PRODUCT THRESHOLD: 100 ppm   | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Metal |
| RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosures and as predicted by process chemistry (Pharos CML). |  |                      |
| OTHER MATERIAL NOTES: Safety sweep   |  |                      |

ALUMINUM

ID: 7429-90-5

|  |                          |                 |   |  |  |
|--|--------------------------|-----------------|---|--|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2024-06-04 13:19:50</b> |  |  |
| %: <b>98.0000 - 99.0000</b>                                      | GreenScreen: <b>BM-1</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Structure component</b> |  |

| HAZARD TYPE         | LIST NAME AND SOURCE                                     | WARNINGS  |
|---------------------|--|---|
| END                 | TEDX - Potential Endocrine Disruptors                    | Potential Endocrine Disruptor   |
| PHY                 | EU - GHS (H-Statements) Annex 6 Table 3-1                | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]  |
| 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 - Japan  | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]  |
| PHY                 | GHS - Japan  | H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water, emit flammable gases - Category 2]             |
| PHY                 | GHS - Malaysia   | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]  |
| PHY                 | GHS - Australia  | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]  |
| PHY                 | GHS - New Zealand  | Pyrophoric solids category 1  |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | 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 (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022   |
|                     |  | Children's Products   |

SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-1 was provided by the HPD Builder Tool.

|   |                     |          |  |                               |               |
|---|---------------------|----------|--|-------------------------------|---------------|
| MAGNESIUM   |                     |          |  |                               | ID: 7439-95-4 |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                     |          | HAZARD SCREENING DATE: 2024-06-04 13:19:50 |                               |               |
| %: 0.6000 - 0.7000  | GreenScreen: LT-UNK | RC: None | NANO: No                                   | SUBSTANCE ROLE: Alloy element |               |



| HAZARD TYPE         | LIST NAME AND SOURCE                      | WARNINGS   |
|---------------------|---|--|
| PHY                 | EU - GHS (H-Statements) Annex 6 Table 3-1 | H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1] |
| PHY                 | EU - GHS (H-Statements) Annex 6 Table 3-1 | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]   |
| MAM                 | GHS - Japan                               | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]  |
| PHY                 | GHS - Australia                           | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]   |
| SKI                 | GHS - Japan                               | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]   |
| PHY                 | GHS - Australia                           | H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1] |
| EYE                 | GHS - Japan                               | H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]   |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                      | NOTIFICATION   |
| None found          |   | No listings found on Additional Hazard Lists   |

SUBSTANCE NOTES:

SILICON, ELEMENTAL

ID: 7440-21-3

|  |                            |                 |   |                                      |  |
|--|----------------------------|-----------------|---|--------------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2024-06-04 13:19:50</b> |                                      |  |
| %: <b>0.2000 - 0.5000</b>  | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Alloy element</b> |  |
| HAZARD TYPE  | LIST NAME AND SOURCE       |                 | WARNINGS  |                                      |  |
| None found   |                            |                 | No warnings found on HPD Priority Hazard Lists    |                                      |  |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE       |                 | NOTIFICATION                                      |                                      |  |
| None found   |                            |                 | No listings found on Additional Hazard Lists      |                                      |  |

SUBSTANCE NOTES:

FASTENERS

%: 0.5000 - 1.0000

|  |  |                      |
|--|--|----------------------|
| PRODUCT THRESHOLD: 100 ppm   | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Metal |
| RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosures and as predicted by process chemistry (Pharos CML). |  |                      |

|  |                                       |                 |   |  |  |
|--|---------------------------------------|-----------------|---|--|--|
| IRON, ELEMENTAL  |                                       |                 |   | ID: 7439-89-6                              |  |
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       |                 | HAZARD SCREENING DATE: <b>2024-06-04 13:19:51</b> |  |  |
| %: <b>93.8000 - 97.3000</b>                                      | GreenScreen: <b>LT-P1</b>             | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Structure component</b> |  |
| 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:   |                                       |                 |   |  |  |

|  |  |                 |   |                                |  |
|--|--|-----------------|---|--------------------------------|--|
| ZINC, ELEMENTAL  |  |                 |   | ID: 7440-66-6                  |  |
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |  |                 | HAZARD SCREENING DATE: <b>2024-06-04 13:19:50</b>   |                                |  |
| %: <b>0.6000 - 2.3000</b>  | GreenScreen: <b>LT-P1</b>                                | RC: <b>None</b> | NANO: <b>No</b>   | SUBSTANCE ROLE: <b>Coating</b> |  |
| HAZARD TYPE  | LIST NAME AND SOURCE                                     |                 | WARNINGS  |                                |  |
| MUL  | German FEA - Substances Hazardous to Waters              |                 | Class 3 - Severe Hazard to Waters   |                                |  |
| AQU  | GHS - New Zealand  |                 | Hazardous to the aquatic environment - acute category 1                                     |                                |  |
| AQU  | GHS - New Zealand  |                 | Hazardous to the aquatic environment - chronic category 1                                   |                                |  |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE                                     |                 | NOTIFICATION  |                                |  |
| RESTRICTED LIST  | Green Science Policy Institute (GSPI)                    |                 | GSPI - Six Classes Precautionary List   |                                |  |
|  |  |                 | Antimicrobials  |                                |  |
| RESTRICTED LIST  | Cradle to Cradle Products Innovation Institute (C2CP II) |                 | 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 (C2CP II) |                 | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |                                |  |
|  |  |                 | Children's Products   |                                |  |
| SUBSTANCE NOTES:   |  |                 |   |                                |  |

|  |                           |                 |   |                                      |  |
|--|---------------------------|-----------------|---|--------------------------------------|--|
| MANGANESE  |                           |                 |   | ID: 7439-96-5                        |  |
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                           |                 | HAZARD SCREENING DATE: <b>2024-06-04 13:19:51</b> |                                      |  |
| %: <b>0.5000 - 1.7000</b>  | GreenScreen: <b>LT-P1</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Alloy element</b> |  |

| HAZARD TYPE         | LIST NAME AND SOURCE                                   | WARNINGS  |
|---------------------|--|---|
| END                 | TEDX - Potential Endocrine Disruptors                  | Potential Endocrine Disruptor   |
| MUL                 | German FEA - Substances Hazardous to Waters            | Class 3 - Severe Hazard to 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]                   |
| AQU                 | GHS - New Zealand                                      | Hazardous to the aquatic environment - chronic category 3   |
| AQU                 | GHS - Japan  | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]  |
| AQU                 | GHS - Japan  | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]                                      |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                   | NOTIFICATION  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPH) | 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 (C2CPH) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022   |
|                     |  | Children's Products   |

SUBSTANCE NOTES:

### Section 3: Certifications and Compliance

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   | SCS Indoor Advantage Gold        |                              |
|---|----------------------------------|------------------------------|
| CERTIFYING PARTY: Third Party   | ISSUE DATE: 2023-06-02 00:00:00  | CERTIFIER OR LAB: SCS Global |
| APPLICABLE FACILITIES: Fort Atkinson, WI 53538  | EXPIRY DATE: 2024-06-01 00:00:00 | Services                     |
| CERTIFICATE URL: <a href="https://tinyurl.com/96h2d72d">https://tinyurl.com/96h2d72d</a>  |                                  |                              |
| CERTIFICATION AND COMPLIANCE NOTES: Registration # SCS-IAQ-03114. Indoor Air Quality Certified to SCS-EC10.3.2014 v4.1. Conforms to the ANSI/BIFMA Furniture Emissions Standard (M7.1/X7.1-2011 R2021) and ANSI/BIFMA e3-2019 (Credits 7.6.1, 7.6.2, 7.6.3) for the open plan and private office workstation parameters. Also conforms to the CDPH/EHLB Standard Method (CA 01350) v1.2-2017 for the open plan. |                                  |                              |

| LCA   | Environmental Product Declaration (EPD) by SCS |                              |
|---|--|------------------------------|
| CERTIFYING PARTY: Third Party   | ISSUE DATE: 2024-05-22 00:00:00                | CERTIFIER OR LAB: SCS Global |
| APPLICABLE FACILITIES: Fort Atkinson, WI 53538  | EXPIRY DATE: 2029-05-21 00:00:00               | Services                     |
| CERTIFICATE URL: <a href="https://tinyurl.com/mtf4uaf3">https://tinyurl.com/mtf4uaf3</a>  |  |                              |
| CERTIFICATION AND COMPLIANCE NOTES: EPD Number: SCS-EPD-10165. Product Category Rule for Environmental Product Declarations; BIFMA PCR for Storage: UNCPC 3812. Scope: Cradle-to-Grave. Functional Unit: One complete storage unit of 8.16 m3 storage capacity, serving the function of storage for a 10-year period. |  |                              |

### 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

To help eliminate non-productive space created by fixed aisles, the shelving and cabinets of Spacesaver High-Density Mobile Systems are mounted on wheeled carriages that travel on rails. To initiate carriage movement, three basic modes of operation are available – Manual, Mechanically Assisted, and Powered. Your local Spacesaver Area Contractor can help you decide which mode of operation is best suited to your individual system requirements.

## MANUFACTURER INFORMATION

MANUFACTURER: **Spacesaver**  
ADDRESS: **1450 Janesville Avenue**  
**Fort Atkinson, WI 53538**  
COUNTRY: **USA**

WEBSITE: **<https://www.spacesaver.com/>**  
CONTACT NAME: **Lindsey Mullarkey**  
TITLE: **Product Manager**  
PHONE: **920.563.0567**  
EMAIL: **lmullarkey@spacesaver.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

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

### GreenScreen (GS)

|   |  |
|---|--|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> 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](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

### Recycled Types

|   |
|---|
| <b>PreC</b> Pre-consumer recycled content           |
| <b>PostC</b> Post-consumer recycled content         |
| <b>UNK</b> Inclusion of recycled content is unknown |
| <b>None</b> Does not include recycled content       |

### Other Terms:

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

### Inventory Methods:

|   |   |
|---|---|
| <b>Nested Method / Material Threshold</b> | Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b>  | Substances listed within each material per threshold indicated per product  |
| <b>Basic Method / Product Threshold</b>   | Substances listed individually per threshold indicated per product          |

|                              |  |
|------------------------------|--|
| <b>Nano</b>                  | Composed of nano scale particles or nanotechnology         |
| <b>Third Party Verified</b>  | Verification by independent certifier approved by HPDC     |
| <b>Preparer</b>              | Third party preparer, if not self-prepared by manufacturer |
| <b>Applicable facilities</b> | 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*

