

HPD UNIQUE IDENTIFIER: 105507753984

CLASSIFICATION: 08 11 00 Metal Doors and Frames

PRODUCT TYPE: Accessories (Metal Framing)

PRODUCT DESCRIPTION: This HPD covers insulated steel doors with vertical stiffeners by Métalec. These doors are made of 18-gauge steel and have dimensions of 36" x 84" x 1". Métalec steel doors comply with ASTM A 653/A 653M, NAAMM, HMMA, CSDMA, CAN/ULC - S104 - M80, UBC 7-2(1994), UL 10(b), NFPA 252, NFPA 80, and ASTM E 152.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

| Inventory Reporting Format                                                                                                  | Threshold Level                                                                                                                                                                            | Residuals/Impurities Evaluation                                                                                                                                                                           | For all contents above the threshold, the manufacturer has:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><input checked="" type="radio"/> Nested Materials Method</div><div><input type="radio"/> Basic Method</div></div> | <div><div><input type="radio"/> 100 ppm</div><div><input checked="" type="radio"/> 1,000 ppm</div><div><input type="radio"/> Per GHS SDS</div><div><input type="radio"/> Other</div></div> | <div>Completed in 5 of 5 Materials</div> <div><b>Explanation(s) provided for Residuals/Impurities?</b><div><div><input checked="" type="radio"/> Yes</div><div><input type="radio"/> No</div></div></div> | <div><b>Characterized</b><div><div><input checked="" type="radio"/> Yes</div><div><input type="radio"/> No</div></div></div> <div><i>Provided weight and role.</i></div> <div><b>Screened</b><div><div><input checked="" type="radio"/> Yes</div><div><input type="radio"/> No</div></div></div> <div><i>Provided screening results using HPDC-approved methods.</i></div> <div><b>Identified</b><div><div><input type="radio"/> Yes</div><div><input checked="" type="radio"/> No</div></div></div> <div><i>Provided name and CAS RN or other identifier.</i></div> |

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

**GALVANNEALED STEEL (DOOR SKIN)** [**IRON, ELEMENTAL** **LT-P1**] END **UNS Z35531 ZINC ALLOY** **LT-P1** END | MUL | AQU | PHY **MANGANESE** **LT-P1** END | MUL | REP | MAM | AQU **CHROMIUM** **LT-P1** END | SKI | MAM | REP | RES **FIBERGLASS INSULATION** [**UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **LT-UNK**] **VERTICAL STIFFENERS** [**IRON, ELEMENTAL** **LT-P1**] END **UNS Z35531 ZINC ALLOY** **LT-P1** END | MUL | AQU | PHY **MANGANESE** **LT-P1** END | MUL | REP | MAM | AQU **CHROMIUM** **LT-P1** END | SKI | MAM | REP | RES **NICKEL** **LT-1** CAN | MUL | RES | MAM | SKI | AQU **GALVANNEALED STEEL (REINFORCEMENTS)** [**IRON, ELEMENTAL** **LT-P1**] END **UNS Z35531 ZINC ALLOY** **LT-P1** END | MUL | AQU | PHY **NICKEL** **LT-1** CAN | MUL | RES | MAM | SKI | AQU **ADHESIVE** [**UNDISCLOSED** **LT-UNK**] REP | PHY **UNDISCLOSED** **LT-UNK** CAN | RES | SKI | EYE | MAM

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

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 1,000 ppm] threshold to act as antimicrobials.

Special Conditions materials are present in the product, specifically metal alloy materials. The guidelines for reporting metal alloys (SCMetalAlloy/2023-07-20) have been followed, and the full composition of the metal alloy has been provided. However, some substances are not disclosed by name or CAS number due to confidentiality.

PFAS DETAILS:

PFAS Attestation states “Unknown if product contains PFAS”

Attestation:

DJB

2025-03-26

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: CDPH Standard Method - Not tested

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4.1 Option 1.



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)

**GALVANNEALED STEEL (DOOR SKIN)**

%: 62.8300

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: According to the supplier's information, the passivation surface treatment is performed using a trivalent chromium phosphate/nitrate solution, leaving a protective coating with a total chromium residual of 20 to 45 mg/m² per side.

OTHER MATERIAL NOTES: 18 Ga galvanized carbon steel sheets with a passivation surface treatment.

**IRON, ELEMENTAL**

ID: 7439-89-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-05-01 8:32:02

%: 86.6000 - 91.1000

GreenScreen: LT-P1

RC: Both

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: According to the supplier's information, the 18-gauge galvanized carbon steel contains 24.4% pre-consumer recycled content and 33% post-consumer recycled content. Since iron is the primary element in steel, this recycled content is attributed to iron. The weight percentage range is used to account for product variability and/or to maintain confidentiality regarding the material composition in the manufacturing process.

**UNS Z35531 ZINC ALLOY**

ID: 7440-66-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-05-01 8:32:11

%: 0.0000 - 8.8000

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Galvanizing

| 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                                                                                                                                              |
| AQU                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]                                                      |
| PHY                 | GHS - Australia                             | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]                                                                       |
| 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] |
| AQU                 | GHS - New Zealand                           | Hazardous to the aquatic environment - acute category 1                                                                                                                        |
| AQU                 | GHS - Japan                                 | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                                                                                  |
| AQU                 | GHS - Japan                                 | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]                                                      |
| AQU                 | GHS - Australia                             | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - 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<br><br>Antimicrobials                                                                                                                    |

SUBSTANCE NOTES: According to the manufacturer, the annealed Zn-Fe coating can account for up to 10% of the total steel weight, with zinc representing 88% of the coating. The weight percentage range is used to account for product variability and/or to protect the confidentiality of the material composition in the manufacturing process.

|                                                           |                    |          |                                           |                               |               |
|-----------------------------------------------------------|--------------------|----------|-------------------------------------------|-------------------------------|---------------|
| MANGANESE                                                 |                    |          |                                           |                               | ID: 7439-96-5 |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                    |          | HAZARD SCREENING DATE: 2025-05-01 8:32:12 |                               |               |
| %: 0.0000 - 2.0000                                        | GreenScreen: LT-P1 | RC: None | NANO: No                                  | SUBSTANCE ROLE: Alloy element |               |

| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                                                  |
|-------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| END         | TEDX - Potential Endocrine 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 v4.0 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 v4.0 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 v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Children's Toy Products                                      |

SUBSTANCE NOTES: The weight percentage range is used to account for product variability and/or to maintain confidentiality regarding the material composition in the manufacturing process.

|                                                           |                    |          |                                           |                               |               |
|-----------------------------------------------------------|--------------------|----------|-------------------------------------------|-------------------------------|---------------|
| CHROMIUM                                                  |                    |          |                                           |                               | ID: 7440-47-3 |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                    |          | HAZARD SCREENING DATE: 2025-05-01 8:32:14 |                               |               |
| %: 0.0000 - 0.5900                                        | 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 v4.0 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 v4.0 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 v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products                |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Children's Toy Products                                      |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Cosmetics and Personal Care Products                         |

SUBSTANCE NOTES: The percentage weight range is used to account for product variability and/or to maintain the confidentiality of the material composition in the manufacturing process.

|                                                                                                                                                                                    |                                                    |                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------|
| FIBERGLASS INSULATION                                                                                                                                                              |                                                    | %: 21.7200           |
| PRODUCT THRESHOLD: 1000 ppm                                                                                                                                                        | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Glass |
| RESIDUALS AND IMPURITIES NOTES: According to the supplier's information, all residuals and impurities have been evaluated and noted within the 1000 ppm threshold reporting level. |                                                    |                      |
| OTHER MATERIAL NOTES: Insulating material composed of glass filaments and sand-reinforced plastic, offering low thermal conductivity, good fire resistance, and mold resistance.   |                                                    |                      |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                              |                 |                                                             |                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------------|-------------------------------------------------------------|--------------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                              |                 | HAZARD SCREENING DATE: <b>2025-05-01 8:13:20</b>            |                                            |
| %: <b>80.0000 - 90.0000</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | GreenScreen: <b>LT-UNK</b>                   | RC: <b>Both</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                                                |                                            |
| EXEMPT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | European Union / European Commission (EU EC) |                 | EU - REACH Exemptions                                       |                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                              |                 | Exempted from REACH Annex V listing due to intrinsic safety |                                            |
| SUBSTANCE NOTES: Pre-consumer recycled content comes from off-spec flat glass in the window manufacturing process and factory-damaged auto glass. Post-consumer recycled content is from auto glass replacement. The raw material range is based on content percentages from various manufacturing locations, raw material suppliers, and the multiple families of products covered by this material. Names and CAS numbers of substances were not disclosed, and ranges were given to protect proprietary information. |                                              |                 |                                                             |                                            |

|                                                                                                                                    |                                              |                |                                                                                                                                                                               |                               |
|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                   |                                              |                | HAZARD SCREENING DATE: <b>2025-05-01 8:32:02</b>                                                                                                                              |                               |
| %: <b>10.0000 - 20.0000</b>                                                                                                        | GreenScreen: <b>LT-UNK</b>                   | RC: <b>UNK</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                                                                                                                                                                  |                               |
| RESTRICTED LIST                                                                                                                    | Perkins+Will (P+W)                           |                | P&W - Precautionary List<br><br>Precautionary list of substances recommended for avoidance                                                                                    |                               |
| RESTRICTED LIST                                                                                                                    | International Living Future Institute (ILFI) |                | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective February 1, 2025<br><br>Red List substances to avoid in Living Building Challenge V4.0 projects |                               |
| SUBSTANCE NOTES: Names and CAS numbers of substances were not disclosed, and ranges were given to protect proprietary information. |                                              |                |                                                                                                                                                                               |                               |

VERTICAL STIFFENERS

%: 13.9900

|                                                                                                                                                                                                                                                                        |                                                    |                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------|
| PRODUCT THRESHOLD: 1000 ppm                                                                                                                                                                                                                                            | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Metal |
| RESIDUALS AND IMPURITIES NOTES: According to the supplier's information, the passivation surface treatment is performed using a trivalent chromium phosphate/nitrate solution, leaving a protective coating with a total chromium residual of 20 to 45 mg/m² per side. |                                                    |                      |

IRON, ELEMENTAL

ID: 7439-89-6

|                                                                  |                                       |                               |                                                  |                                            |
|------------------------------------------------------------------|---------------------------------------|-------------------------------|--------------------------------------------------|--------------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       |                               | HAZARD SCREENING DATE: <b>2025-05-01 8:32:11</b> |                                            |
| %: <b>86.6000 - 91.1000</b>                                      | GreenScreen: <b>LT-P1</b>             | RC: <b>Both</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: According to the supplier's information, the vertical stiffeners are made from galvanized steel, which contains 24% pre-consumer recycled content and 33% post-consumer recycled content. Since iron is the primary element in steel, this recycled content is attributed to iron. The percentage weight range is used to account for product variability and/or to maintain the confidentiality of the material composition in the manufacturing process.

UNS Z35531 ZINC ALLOY

ID: 7440-66-6

|                                                                  |                                             |                                                                                                                                                                                |                                                  |                                    |
|------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                             |                                                                                                                                                                                | HAZARD SCREENING DATE: <b>2025-05-01 8:32:12</b> |                                    |
| %: <b>0.0000 - 8.8000</b>                                        | GreenScreen: <b>LT-P1</b>                   | RC: <b>None</b>                                                                                                                                                                | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Galvanizing</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                                                                                                                                              |                                                  |                                    |
| AQU                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1   | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]                                                      |                                                  |                                    |
| PHY                                                              | GHS - Australia                             | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]                                                                       |                                                  |                                    |
| 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] |                                                  |                                    |
| AQU                                                              | GHS - New Zealand                           | Hazardous to the aquatic environment - acute category 1                                                                                                                        |                                                  |                                    |
| AQU                                                              | GHS - Japan                                 | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                                                                                  |                                                  |                                    |
| AQU                                                              | GHS - Japan                                 | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]                                                      |                                                  |                                    |
| AQU                                                              | GHS - Australia                             | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - 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                        |

SUBSTANCE NOTES: According to the manufacturer, the annealed Zn-Fe coating can account for up to 10% of the total steel weight, with zinc representing 88% of the coating. The weight percentage range is used to account for product variability and/or to protect the confidentiality of the material composition in the manufacturing process.

MANGANESE

ID: 7439-96-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-05-01 8:32:14**

%: **0.0000 - 2.0000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                                                  |
|-------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| END         | TEDX - Potential Endocrine 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 v4.0 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 v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
|                     |                                                        | Children's Products                                                                           |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPH) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024            |
|                     |                                                        | Children's Toy Products                                                                       |

SUBSTANCE NOTES: The percentage weight range is used to account for product variability and/or to maintain the confidentiality of the material composition in the manufacturing process.

CHROMIUM

ID: 7440-47-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-05-01 8:13:21

%: 0.0000 - 0.5900

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 (C2CPII) | C2C Certified v4.0 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 v4.0 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 v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products                |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Children's Toy Products                                      |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Cosmetics and Personal Care Products                         |

SUBSTANCE NOTES: The percentage weight range is used to account for product variability and/or to maintain the confidentiality of the material composition in the manufacturing process.

NICKEL

ID: 7440-02-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-05-01 8:32:09

| 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 v4.0 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 v4.0 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 v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Footwear, Apparel & Jewelry Products              |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>All Products                                                 |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Children's Toy Products                                      |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Cosmetics and Personal Care Products                         |

SUBSTANCE NOTES: The percentage weight range is used to account for product variability and/or to maintain the confidentiality of the material composition in the manufacturing process.

**GALVANNEALED STEEL (REINFORCEMENTS)**    %: 0.1300 - 0.9900

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

RESIDUALS AND IMPURITIES NOTES: According to the supplier's information, the passivation surface treatment is performed using a trivalent chromium phosphate/nitrate solution, leaving a protective coating with a total chromium residual of 20 to 45 mg/m² per side. A weight percentage range is used to account for product variability and to maintain confidentiality regarding the material composition in the manufacturing process.

OTHER MATERIAL NOTES: The lock and hinge reinforcements are made of galvanized steel.

|                                                                  |                           |                                                  |                                                            |
|------------------------------------------------------------------|---------------------------|--------------------------------------------------|------------------------------------------------------------|
| <b>IRON, ELEMENTAL</b>                                           |                           | ID: 7439-89-6                                    |                                                            |
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                           | HAZARD SCREENING DATE: <b>2025-05-01 8:32:12</b> |                                                            |
| %: <b>86.6000 - 91.1000</b>                                      | GreenScreen: <b>LT-P1</b> | RC: <b>Both</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: According to the supplier's information, the hinge reinforcements are made from galvanized steel, which contains 22% pre-consumer recycled content and 34% post-consumer recycled content. Since iron is the primary element in steel, this recycled content is attributed to iron. The percentage weight range is used to account for product variability and/or to maintain the confidentiality of the material composition in the manufacturing process.

**UNS Z35531 ZINC ALLOY**

ID: **7440-66-6**

|                                                                  |                                             |                 |                                                                                                                                                                                |                                    |  |
|------------------------------------------------------------------|---------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                             |                 | HAZARD SCREENING DATE: <b>2025-05-01 8:32:13</b>                                                                                                                               |                                    |  |
| %: <b>0.0000 - 8.8000</b>                                        | GreenScreen: <b>LT-P1</b>                   | RC: <b>None</b> | NANO: <b>No</b>                                                                                                                                                                | SUBSTANCE ROLE: <b>Galvanizing</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                                                                                                                                              |                                    |  |
| AQU                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1   |                 | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]                                                      |                                    |  |
| PHY                                                              | GHS - Australia                             |                 | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]                                                                       |                                    |  |
| 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] |                                    |  |
| AQU                                                              | GHS - New Zealand                           |                 | Hazardous to the aquatic environment - acute category 1                                                                                                                        |                                    |  |
| AQU                                                              | GHS - Japan                                 |                 | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                                                                                  |                                    |  |
| AQU                                                              | GHS - Japan                                 |                 | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]                                                      |                                    |  |
| AQU                                                              | GHS - Australia                             |                 | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - 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                                                                                                                                                                 |                                    |  |

SUBSTANCE NOTES: According to the manufacturer, the annealed Zn-Fe coating can account for up to 10% of the total steel weight, with zinc representing 88% of the coating. The weight percentage range is used to account for product variability and/or to protect the confidentiality of the material composition in the manufacturing process.

NICKEL

ID: 7440-02-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-05-01 8:13:23

?: 0.0000 - 0.2300

GreenScreen: LT-1

RC: None

NANO: No

SUBSTANCE ROLE: Alloy element

| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                                                  |
|-------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAN         | US CDC - Occupational Carcinogens           | Occupational Carcinogen                                                                                                                                   |
| CAN         | 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 v4.0 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 v4.0 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 v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Footwear, Apparel & Jewelry Products              |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>All Products                                                 |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Children's Toy Products                                      |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Cosmetics and Personal Care Products                         |

SUBSTANCE NOTES: The weight percentage range is used to account for product variability and/or to maintain confidentiality regarding the material composition in the manufacturing process.

ADHESIVE

%: 0.3300

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: According to the supplier's information, no evaluation of residuals or impurities has been conducted for this material.

OTHER MATERIAL NOTES: The amount of adhesive varies among the rated insulated steel doors. The names and CAS numbers of substances were not disclosed, and ranges were provided to protect proprietary information.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-05-01 8:13:23

%: 70.0000 - 90.0000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Monomer

| HAZARD TYPE                                                                                                                        | LIST NAME AND SOURCE                                    | WARNINGS                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| REP                                                                                                                                | GHS - Japan                                             | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]                                         |
| PHY                                                                                                                                | GHS - Japan                                             | H224 - Extremely flammable liquid and vapour [Flammable liquids - Category 1]                                                           |
| ADDITIONAL LISTINGS                                                                                                                | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                                                            |
| RESTRICTED LIST                                                                                                                    | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products |
| RESTRICTED LIST                                                                                                                    | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Cosmetics and Personal Care Products          |
| SUBSTANCE NOTES: Names and CAS numbers of substances were not disclosed, and ranges were given to protect proprietary information. |                                                         |                                                                                                                                         |

UNDISCLOSED

ID: **Undisclosed**

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                           |                                                                                                                                                           | HAZARD SCREENING DATE: <b>2025-05-01 8:32:11</b> |                                |
|------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------|
| %: <b>10.0000 - 30.0000</b>                                      | GreenScreen: <b>LT-UNK</b>                | RC: <b>None</b>                                                                                                                                           | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Monomer</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                      | WARNINGS                                                                                                                                                  |                                                  |                                |
| CAN                                                              | MAK                                       | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels                                                                          |                                                  |                                |
| RES                                                              | MAK                                       | Sensitizing Substance Sah - Danger of airway & skin sensitization                                                                                         |                                                  |                                |
| SKI                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1 | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |                                                  |                                |
| EYE                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1 | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                                                    |                                                  |                                |
| CAN                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |                                                  |                                |
| SKI                                                              | GHS - New Zealand                         | Skin irritation category 2                                                                                                                                |                                                  |                                |
| EYE                                                              | GHS - New Zealand                         | Eye irritation category 2                                                                                                                                 |                                                  |                                |
| SKI                                                              | GHS - Australia                           | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |                                                  |                                |
| EYE                                                              | GHS - Australia                           | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                                                    |                                                  |                                |
| CAN                                                              | GHS - New Zealand                         | 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 - New Zealand                                        | 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 - Japan                                              | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                                |
| SKI                 | GHS - New Zealand                                        | Skin sensitisation category 1                                                                                                           |
| MAM                 | GHS - New Zealand                                        | Acute inhalation toxicity category 2                                                                                                    |
| EYE                 | GHS - Korea                                              | H319 - Causes serious eye irritation [Serious eye damage/irritation - Category 2]                                                       |
| SKI                 | GHS - Korea                                              | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                  |
| MAM                 | Québec CSST - WHMIS 1988                                 | Class D1A - Very toxic material causing immediate and serious toxic effects                                                             |
| MAM                 | GHS - Australia                                          | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]                                                                 |
| MAM                 | GHS - Japan                                              | H330 - Fatal if inhaled [Acute toxicity (inhalation: dust, mist) - Category 2]                                                          |
| CAN                 | GHS - Australia                                          | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                       |
| MAM                 | GHS - Korea                                              | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                                 |
| 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     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.0 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 v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Formulated Consumer Products       |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>All Products                                  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Cosmetics and Personal Care Products          |



### 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                       | CDPH Standard Method - Not tested |                        |
|-------------------------------------|-----------------------------------|------------------------|
| CERTIFYING PARTY: Self-declared     | ISSUE DATE: 2025-03-17 00:00:00   | CERTIFIER OR LAB: None |
| APPLICABLE FACILITIES: All          | EXPIRY DATE:                      |                        |
| CERTIFICATE URL:                    |                                   |                        |
| CERTIFICATION AND COMPLIANCE NOTES: |                                   |                        |

### Section 4: Accessories

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

No accessories are required for this product.

### Section 5: General Notes

Some substances are not disclosed by name or CAS number as they are confidential.

## MANUFACTURER INFORMATION

MANUFACTURER: **MÉTALEC**  
ADDRESS: **2150, rue Léon-Harmel**  
**Quebec City, Quebec G1N 4L2**  
COUNTRY: **Canada**

WEBSITE: **www.metalec.com**  
CONTACT NAME: **Claude Harton**  
TITLE: **General Manager**  
PHONE: **1-877-683-2431**  
EMAIL: **charton@metalec.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*

