

HPD UNIQUE IDENTIFIER: 862131970048  
CLASSIFICATION: 07 61 00 Sheet Metal Roofing  
PRODUCT DESCRIPTION: Concealed Fastener Panels for residential, commercial, and agricultural applications This HPD includes the following collection of Concealed Fastener Panels. C-1, C-2, C-3, C-4, C-5, C-6, C-7, C-8, C-9, C-10, C1-A, C1-B, C1-C, C1-D, C2-A, C2-B, C2-C, C2-D, C2-E, C5-A, C6-A, C8-A, C8-B, C9-A, CE-B, CE-C, CE-D, CE-E, CR-B, CR-C, CR-D, CR-E, CR-F, CR-G, ELV-55, ELV-46, ELV-37, ELV-28, CI-2-12, CI-3-12, CI-3-16, CI-4-12, CI-4-16, CI-5-12, CI-7-12, CI-7-16, CI-8-12, CI-9-12, CI-9-16, Smooth Wall, Lifetime Soffit, Shadow Line, Chevron V and Chevron W.

Section 1: SummaryNested Method / Product Threshold

CONTENT INVENTORY

| Inventory Reporting Format                               | Threshold Level                          | Residuals/Impurities Evaluation                               | For all contents above the threshold, the manufacturer has:                        |
|----------------------------------------------------------|------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> Nested Materials Method | <input checked="" type="radio"/> 100 ppm | Completed in 3 of 3 Materials                                 | <b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <input type="radio"/> Basic Method                       | <input type="radio"/> 1,000 ppm          | <b>Explanation(s) provided for Residuals/Impurities?</b>      | <i>Provided weight and role.</i>                                                   |
| <b>Threshold Disclosed Per</b>                           | <input type="radio"/> Per GHS SDS        | <input checked="" type="radio"/> Yes <input type="radio"/> No | <b>Screened</b> <input checked="" type="radio"/> Yes <input type="radio"/> No      |
| <input type="radio"/> Material                           | <input type="radio"/> Other              |                                                               | <i>Provided screening results using HPDC-approved methods.</i>                     |
| <input checked="" type="radio"/> Product                 |                                          |                                                               | <b>Identified</b> <input checked="" type="radio"/> Yes <input type="radio"/> No    |
|                                                          |                                          |                                                               | <i>Provided name and CAS RN or other identifier.</i>                               |

CONTENT IN DESCENDING ORDER OF QUANTITY

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

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY  
GREENSCREEN SCORE | HAZARD TYPE  
STEEL [ IRON, ELEMENTAL LT-P1 | END MANGANESE LT-P1 | END | MUL | REP | MAM | AQU CARBON LT-UNK PHOSPHORUS BM-2 | MAM | PHY | EYE | AQU | SKI ALUMINUM BM-1 | END | MAM | PHY SULFUR, PRECIPITATED LT-UNK | SKI | MAM SILICON, ELEMENTAL LT-UNK ] GALVANIZE COATING [ ZINC (POWDER/DUST) STABILISED LT-P1 | END | MUL | AQU | PHY ALUMINUM BM-1 | END | MAM | PHY ] PAINT [ ]

Number of Greenscreen BM-4/BM3 contents ... 0  
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, BM-1  
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This HPD was produced using primary information from the manufacturer, including CAS numbers and SDS when needed. The manufacturer has made every effort to report the substances in this product to the listed threshold. This is a voluntary, self-reported effort. Any errors or omissions shall be considered a human error and therefore reported to the manufacturer. The manufacturer shall not be liable for omissions. The threshold applied to Residuals and Impurities (R/I) is the same as that applied to intentionally added substances, i.e., 100 ppm. Residuals and impurities below the declared Inventory Threshold do not need to be reported on the HPD.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: Inherently non-emitting source per LEED

CONSISTENCY WITH OTHER PROGRAMS

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

Third Party Verified?

- ☐ Yes  
☒ No

PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2024-08-07  
PUBLISHED DATE: 2024-08-07  
EXPIRY DATE: 2027-08-07

*This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:*

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

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

## STEEL

**?: 94.0350 - 94.2350**

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

MATERIAL TYPE: Metal

**RESIDUALS AND IMPURITIES NOTES:** Pharos and PubChem (formerly TOXNOT) are the main databases for researching potential residuals and impurities. Any R/I above the threshold shall be listed on the HPD; otherwise, if none are listed, then no residuals or impurities are common in that substance above the threshold. "The threshold applied to Residuals and Impurities (R/I) is the same as that applied to intentionally added substances, i.e., 100 ppm or 1000 ppm. This includes average data declared in the common product database or peer-reviewed scientific articles. For this product, no actual material has been tested. Therefore, residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material.

OTHER MATERIAL NOTES: According to the supplier's LEED document, the recycled content in their products is comprised of 20-35% pre-consumer material, 30-40% post-consumer material, and the remaining portion consisting of reutilized materials.

## IRON, ELEMENTAL

ID: 7439-89-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: 2024-08-07 7:12:47

**%: 97.0000 - 99.0000**

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: Main ingredient/component of the steel. See material notes for information regarding recycled content.

## MANGANESE

ID: 7439-96-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: 2024-08-07 7:12:48

**%: 0.1000 - 1.2000**

GreenScreen: **LT-P1**RC: **Both**

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                                                             |
|                     |                                                         | 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                                                             |
|                     |                                                         | Children's Products                                                                                                                                       |

SUBSTANCE NOTES: The percentage of the listed ingredient may vary. See material notes for information regarding recycled content.

|                                                           |                                       |                                                |                                           |                               |  |
|-----------------------------------------------------------|---------------------------------------|------------------------------------------------|-------------------------------------------|-------------------------------|--|
| CARBON                                                    |                                       |                                                |                                           | ID: 7440-44-0                 |  |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                       |                                                | HAZARD SCREENING DATE: 2024-08-07 7:12:48 |                               |  |
| %: 0.1000 - 0.3050                                        | GreenScreen: LT-UNK                   | RC: Both                                       | NANO: No                                  | SUBSTANCE ROLE: Alloy element |  |
| HAZARD TYPE                                               | LIST NAME AND SOURCE                  | WARNINGS                                       |                                           |                               |  |
| None found                                                |                                       | No warnings found on HPD Priority Hazard Lists |                                           |                               |  |
| ADDITIONAL LISTINGS                                       | LIST NAME AND SOURCE                  | NOTIFICATION                                   |                                           |                               |  |
| RESTRICTED LIST                                           | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List          |                                           |                               |  |
|                                                           |                                       | Antimicrobials                                 |                                           |                               |  |

SUBSTANCE NOTES: The percentage of the listed ingredient may vary. See material notes for information regarding recycled content.

PHOSPHORUS

ID: 7723-14-0

|                                                           |                                                         |                                                                                               |                                           |                               |
|-----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                                         |                                                                                               | HAZARD SCREENING DATE: 2024-08-07 7:12:48 |                               |
| %: 0.1000 - 0.1500                                        | GreenScreen: BM-2                                       | RC: Both                                                                                      | NANO: No                                  | SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE                                               | LIST NAME AND SOURCE                                    | WARNINGS                                                                                      |                                           |                               |
| MAM                                                       | US EPA - EPCRA Extremely Hazardous Substances           | Extremely Hazardous Substances                                                                |                                           |                               |
| MAM                                                       | GHS - New Zealand                                       | Specific target organ toxicity - repeated exposure category 1                                 |                                           |                               |
| PHY                                                       | GHS - New Zealand                                       | Pyrophoric solids category 1                                                                  |                                           |                               |
| EYE                                                       | GHS - New Zealand                                       | Serious eye damage category 1                                                                 |                                           |                               |
| AQU                                                       | GHS - New Zealand                                       | Hazardous to the aquatic environment - acute category 1                                       |                                           |                               |
| AQU                                                       | GHS - New Zealand                                       | Hazardous to the aquatic environment - chronic category 1                                     |                                           |                               |
| MAM                                                       | Québec CSST - WHMIS 1988                                | Class D1A - Very toxic material causing immediate and serious toxic effects                   |                                           |                               |
| SKI                                                       | GHS - New Zealand                                       | Skin corrosion category 1A                                                                    |                                           |                               |
| MAM                                                       | GHS - New Zealand                                       | Acute dermal toxicity category 1                                                              |                                           |                               |
| MAM                                                       | GHS - New Zealand                                       | Acute inhalation toxicity category 1                                                          |                                           |                               |
| MAM                                                       | GHS - New Zealand                                       | Acute oral toxicity category 1                                                                |                                           |                               |
| ADDITIONAL LISTINGS                                       | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                  |                                           |                               |
| RESTRICTED LIST                                           | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |                                           |                               |
|                                                           |                                                         | Cosmetics & Personal Care Products                                                            |                                           |                               |

SUBSTANCE NOTES: The percentage of the listed ingredient may vary. See material notes for information regarding recycled content.

ALUMINUM

ID: 7429-90-5

|                                                           |                   |          |                                           |                               |
|-----------------------------------------------------------|-------------------|----------|-------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                   |          | HAZARD SCREENING DATE: 2024-08-07 7:12:48 |                               |
| %: 0.0100 - 0.1000                                        | GreenScreen: BM-1 | RC: Both | NANO: No                                  | SUBSTANCE ROLE: Alloy element |

| HAZARD TYPE                                                                                                                       | LIST NAME AND SOURCE                                   | WARNINGS                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| END                                                                                                                               | TEDX - Potential Endocrine Disruptors                  | Potential Endocrine Disruptor                                                                                                                             |
| MAM                                                                                                                               | GHS - Japan                                            | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM                                                                                                                               | GHS - Japan                                            | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]                                          |
| PHY                                                                                                                               | GHS - Japan                                            | H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water, emit flammable gases - Category 2]             |
| PHY                                                                                                                               | GHS - Malaysia                                         | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]                                                  |
| PHY                                                                                                                               | GHS - Australia                                        | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]                                                  |
| PHY                                                                                                                               | GHS - New Zealand                                      | Pyrophoric solids category 1                                                                                                                              |
| ADDITIONAL LISTINGS                                                                                                               | LIST NAME AND SOURCE                                   | NOTIFICATION                                                                                                                                              |
| RESTRICTED LIST                                                                                                                   | Cradle to Cradle Products Innovation Institute (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                                                                                                                                       |
| SUBSTANCE NOTES: The percentage of the listed ingredient may vary. See material notes for information regarding recycled content. |                                                        |                                                                                                                                                           |

SULFUR, PRECIPITATED

ID: 7704-34-9

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                           |                                                                                                                  | HAZARD SCREENING DATE: <b>2024-08-07 7:12:49</b> |                                      |
|------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------|
| %: <b>0.0000 - 0.0500</b>                                        | GreenScreen: <b>LT-UNK</b>                | RC: <b>Both</b>                                                                                                  | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Alloy element</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                      | WARNINGS                                                                                                         |                                                  |                                      |
| SKI                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1 | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                           |                                                  |                                      |
| SKI                                                              | GHS - New Zealand                         | Skin irritation category 2                                                                                       |                                                  |                                      |
| SKI                                                              | GHS - Australia                           | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                           |                                                  |                                      |
| MAM                                                              | GHS - Japan                               | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |                                                  |                                      |

| ADDITIONAL LISTINGS                                                                                                               | LIST NAME AND SOURCE                  | NOTIFICATION                                                |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------|
| RESTRICTED LIST                                                                                                                   | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List<br><br>Antimicrobials |
| SUBSTANCE NOTES: The percentage of the listed ingredient may vary. See material notes for information regarding recycled content. |                                       |                                                             |

|                                                                  |                            |                 |                                                  |                                      |
|------------------------------------------------------------------|----------------------------|-----------------|--------------------------------------------------|--------------------------------------|
| SILICON, ELEMENTAL                                               |                            |                 |                                                  | ID: 7440-21-3                        |
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2024-08-07 7:12:49</b> |                                      |
| %: <b>0.0100 - 0.0500</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>Both</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Alloy element</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       |                 | WARNINGS                                         |                                      |
| None found                                                       |                            |                 | No warnings found on HPD Priority Hazard Lists   |                                      |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       |                 | NOTIFICATION                                     |                                      |
| None found                                                       |                            |                 | No listings found on Additional Hazard Lists     |                                      |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                    |                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------|
| GALVANIZE COATING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                    | %: 5.0000 - 6.0000   |
| PRODUCT THRESHOLD: 100 ppm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Metal |
| RESIDUALS AND IMPURITIES NOTES: Pharos and PubChem (formerly TOXNOT) are the main databases for researching potential residuals and impurities. Any R/I above the threshold shall be listed on the HPD; otherwise, if none are listed, then no residuals or impurities are common in that substance above the threshold. "The threshold applied to Residuals and Impurities (R/I) is the same as that applied to intentionally added substances, i.e., 100 ppm or 1000 ppm. This includes average data declared in the common product database or peer-reviewed scientific articles. For this product, no actual material has been tested. Therefore, residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material. |                                                    |                      |
| OTHER MATERIAL NOTES:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                    |                      |

|                                                           |                    |                                           |                                              |
|-----------------------------------------------------------|--------------------|-------------------------------------------|----------------------------------------------|
| ZINC (POWDER/DUST) STABILISED                             |                    | ID: 7440-66-6                             |                                              |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                    | HAZARD SCREENING DATE: 2024-08-07 7:12:50 |                                              |
| %: 99.4300 - 99.5000                                      | GreenScreen: LT-P1 | RC: UNK                                   | NANO: No SUBSTANCE ROLE: Corrosion inhibitor |

| 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                | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                                                                                  |
| 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 - New Zealand                                        | Pyrophoric solids category 1                                                                                                                                                   |
| PHY                 | GHS - New Zealand                                        | Self-heating substances and mixtures category 1                                                                                                                                |
| PHY                 | GHS - New Zealand                                        | Substances and mixtures which, in contact with water, emit flammable gases 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                                                                                                                    |
| 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                                                       |

SUBSTANCE NOTES: No residuals or impurities are expected to be present at or above 100 ppm.

|                                                                                          |                                                         |                |                                                                                                                                                           |                                |
|------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                         |                                                         |                | HAZARD SCREENING DATE: <b>2024-08-07 7:12:50</b>                                                                                                          |                                |
| %: <b>0.4900 - 0.5100</b>                                                                | GreenScreen: <b>BM-1</b>                                | RC: <b>UNK</b> | NANO: <b>No</b>                                                                                                                                           | SUBSTANCE ROLE: <b>Coating</b> |
| HAZARD TYPE                                                                              | LIST NAME AND SOURCE                                    |                | WARNINGS                                                                                                                                                  |                                |
| END                                                                                      | TEDX - Potential Endocrine Disruptors                   |                | Potential Endocrine Disruptor                                                                                                                             |                                |
| MAM                                                                                      | GHS - Japan                                             |                | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |                                |
| MAM                                                                                      | GHS - Japan                                             |                | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]                                          |                                |
| PHY                                                                                      | GHS - Japan                                             |                | H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water, emit flammable gases - Category 2]             |                                |
| PHY                                                                                      | GHS - Malaysia                                          |                | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]                                                  |                                |
| PHY                                                                                      | GHS - Australia                                         |                | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]                                                  |                                |
| PHY                                                                                      | GHS - New Zealand                                       |                | Pyrophoric solids category 1                                                                                                                              |                                |
| ADDITIONAL LISTINGS                                                                      | LIST NAME AND SOURCE                                    |                | NOTIFICATION                                                                                                                                              |                                |
| RESTRICTED LIST                                                                          | Cradle to Cradle Products Innovation Institute (C2CPII) |                | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022                                                             |                                |
|                                                                                          |                                                         |                | Biological and Environmentally Released Materials                                                                                                         |                                |
| RESTRICTED LIST                                                                          | Cradle to Cradle Products Innovation Institute (C2CPII) |                | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022                                                             |                                |
|                                                                                          |                                                         |                | Children's Products                                                                                                                                       |                                |
| SUBSTANCE NOTES: The small amount of aluminum addition can brighten the coating surface. |                                                         |                |                                                                                                                                                           |                                |

PAINT

%: 0.0040 - 0.0060

|                                                                                                      |                                                    |                                   |
|------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------|
| PRODUCT THRESHOLD: 100 ppm                                                                           | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Polymeric Material |
| RESIDUALS AND IMPURITIES NOTES: No impurities are listed above the threshold by the Pharos database. |                                                    |                                   |
| OTHER MATERIAL NOTES: All substances in this material are below the reportable threshold.            |                                                    |                                   |

### 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                                                                                                                                                                                                                                                                                                                      | Inherently non-emitting source per LEED |                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------|
| CERTIFYING PARTY: Self-declared                                                                                                                                                                                                                                                                                                    | ISSUE DATE: 2024-08-03 00:00:00         | CERTIFIER OR LAB: None |
| APPLICABLE FACILITIES: All                                                                                                                                                                                                                                                                                                         | EXPIRY DATE:                            |                        |
| CERTIFICATE URL:                                                                                                                                                                                                                                                                                                                   |                                         |                        |
| CERTIFICATION AND COMPLIANCE NOTES: Per the LEED v4.1, Product is an inherently nonemitting source of VOCs (stone, ceramic, powder-coated metals, plated or anodized metal, glass, concrete, clay brick, and unfinished or untreated solid wood) and has no binders, surface coatings, or sealants that include organic chemicals. |                                         |                        |

### 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

Please note that no accessories have been included as this installation requires the expertise of professional installers who will utilize their own specialized tools and techniques. The specific methods used will depend on the unique conditions of the site. For this reason, additional tools and products can be found on the manufacturer's website. To access detailed installation instructions specific to the manufacturer, please visit <https://taylormetal.com/>.

## MANUFACTURER INFORMATION

MANUFACTURER: **Taylor Metal Products**  
ADDRESS: **4566 Ridge Drive**  
**Salem, Oregon 97301**  
COUNTRY: **United States**

WEBSITE: **<https://taylormetal.com/>**  
CONTACT NAME: **Mark Hermans**  
TITLE: **Technical Rep**  
PHONE: **503-581-8338**  
EMAIL: **mark@taylormetal.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*

