

HPD UNIQUE IDENTIFIER: 1609510733824

CLASSIFICATION: 14 27 00 Custom Elevator Cabs and Doors

PRODUCT DESCRIPTION: Pre-fabricated, installable interior wall panel system produced with lightweight aluminum honeycomb cores. Panels are available with various face options including aluminum, 300 and 400 series stainless steel, copper, brass, carbon steel, galvanized steel, and AL 625.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

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

FRONT FACE [5005 ALUMINUM ALLOY] **BACK FACE** [5005 ALUMINUM ALLOY] **CORE MATERIAL** [BORIC ACID LT-1] END | DEV | REP | MUL | MAM | EYE | SKI **PHENOL, POLYMER WITH FORMALDEHYDE LT-P1** **POLYMETHYLENE POLYPHENYL ISOCYANATE LT-UNK** CAN | RES | EYE | SKI | MAM **CALCIUM CARBONATE BM-3** EYE **4,4'-METHYLENEDIPHENYL DIISOCYANATE LT-UNK** CAN | RES | SKI | EYE | MAM **2-PROPENOIC ACID, 2,2-BIS[[(1-OXO-2-PROPENYL) OXY]METHYL]-1,3-PROPANEDIYL ESTER LT-UNK** SKI | EYE **BENZENE, 1-ISOCYANATO-2-[(4-ISOCYANATOPHENYL)METHYL]- LT-UNK** SKI | EYE | CAN | MAM **FIBERGLASS LT-UNK** **PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS-, POLYMER WITH (CHLOROMETHYL)OXIRANE LT-P1** MUL | SKI | EYE | AQU **SODIUM HYDROXIDE LT-P1** SKI | MAM | EYE **FORMALDEHYDE (GAS) BM-1** CAN | END | SKI | MUL | MAM | GEN | AQU | EYE | PHY **WOOD**]

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

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special Conditions applied: [MetalAlloy]

Special Conditions applied: [BiologicalMaterial]

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?	PREPARER: Self-Prepared	SCREENING DATE: 2023-12-11
☐ Yes	VERIFIER:	PUBLISHED DATE: 2024-02-28
☒ No	VERIFICATION #:	EXPIRY DATE: 2026-12-11

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

FRONT FACE

?: 20.0000 - 60.0000

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

RESIDUALS AND IMPURITIES NOTES: Residual and impurity data from suppliers were collected and those that fall above the stated threshold have been disclosed on the HPD.

OTHER MATERIAL NOTES: Multiple metal alloy types and thicknesses may be used for the front face panel.

5052 ALUMINUM ALLOY

ID: UNS A95052

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

?: 100.0000 ALT GreenScreen: See notes RC: Both NANO: No MATERIAL ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS A95052](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Aluminum (BM-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

UNS C26000

ID: UNS C26000

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

?: 100.0000 ALT GreenScreen: See notes RC: Both NANO: No MATERIAL ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS C26000](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Lead (BM-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources are primarily post-consumer recycled copper scrap.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

5005 ALUMINUM ALLOY

ID: **UNS A95005**

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

%: **100.0000**

GreenScreen: **See notes**

RC: **Both**

NANO: **No**

MATERIAL ROLE: **Structure component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening is not applicable to this Special Condition

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS A95005](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Aluminum (BM-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap.

PHOSPHOR BRONZE

ID: **UNS C51000**

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

%: **100.0000 ALT**

GreenScreen: **See notes**

RC: **PostC**

NANO: **No**

MATERIAL ROLE: **Structure component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening is not applicable to this Special Condition

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS C51000](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Lead (BM-1), Tin (LT-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources are primarily post-consumer scrap.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

3003 ALUMINUM ALLOY

ID: **UNS A93003**

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

%: **100.0000 ALT** GreenScreen: **See notes** RC: **Both** NANO: **No** MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS A93003](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Aluminum (BM-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

ALLOY 304

ID: **UNS S30400**

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

%: **100.0000 ALT** GreenScreen: **See notes** RC: **Both** NANO: **No** MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS S30400](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap, but are primarily post-consumer steel products that are recycled at end-of-life.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

ALLOY 304L

ID: **UNS S30403**

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

%: **100.0000 ALT**

GreenScreen: **See notes**

RC: **Both**

NANO: **No**

MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS S30403](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap, but are primarily post-consumer steel products that are recycled at end-of-life.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

UNS S13603 MARINE GRADE LOW CARBON STAINLESS STEEL

ID: **UNS S13603**

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

%: **100.0000 ALT**

GreenScreen: **See notes**

RC: **Both**

NANO: **No**

MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS S13603](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap, but are primarily post-consumer steel products that are recycled at end-of-life.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

UNS S31600 MARINE GRADE STAINLESS STEEL

ID: **UNS S31600**

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

%: **100.0000 ALT** GreenScreen: **See notes** RC: **Both** NANO: **No** MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS S31600](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap, but are primarily post-consumer steel products that are recycled at end-of-life.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

UNS C11000

ID: **UNS C11000**

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

%: **100.0000 ALT** GreenScreen: **See notes** RC: **Both** NANO: **No** MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS C11000](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources are primarily post-consumer recycled copper scrap.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

UNS C28000

ID: UNS C28000

HAZARD DATA SOURCE: Pharos Chemical and Materials Library				
%: 100.0000 ALT	GreenScreen: See notes	RC: Both	NANO: No	MATERIAL ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS C28000](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Lead (BM-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources are primarily post-consumer recycled copper scrap.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

UNS C51000

ID: UNS C51000

HAZARD DATA SOURCE: Pharos Chemical and Materials Library				
%: 100.0000 ALT	GreenScreen: See notes	RC: Both	NANO: No	MATERIAL ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS C51000](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Lead (BM-1), Tin (LT-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources are primarily post-consumer recycled copper scrap.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

UNS C61400

ID: **UNS C61400**

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

%: **100.0000 ALT** GreenScreen: **See notes** RC: **Both** NANO: **No** MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS C61400](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Aluminum (BM-1), Lead (BM-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources are primarily post-consumer recycled copper scrap.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

ASTM A1011 HSLAS GRADE 50, 60, 70 AND 80

ID: **ASTM A1011 HSLAS Grade 50, 60, 70 and 80**

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

%: **100.0000 ALT** GreenScreen: **See notes** RC: **Both** NANO: **No** MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[ASTM A1011 HSLAS Grade 50, 60, 70 and 80](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Nickel (LT-1), Vanadium (BM-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and post-industrial scrap, but are primarily post-consumer scrap steel used in electric arc furnace technologies. Applicable UNS numbers for these high-strength low alloy steel (HSLAS) materials were not identified; the ASTM grade is used instead.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

AISI 1008

ID: **UNS G10080**

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

%: **100.0000 ALT** GreenScreen: **See notes** RC: **Both** NANO: **No** MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS G10080](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and post-industrial scrap, but are primarily post-consumer scrap steel used in electric arc furnace technologies.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

AISI 1010

ID: **UNS G10100**

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

%: **100.0000 ALT** GreenScreen: **See notes** RC: **Both** NANO: **No** MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS G10100](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and post-industrial scrap, but is primarily post-consumer scrap steel used in electric arc furnace technologies.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

INCONEL ALLOY 625

ID: **UNS N06625**

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

%: **100.0000 ALT**

GreenScreen: **See notes**

RC: **Both**

NANO: **No**

MATERIAL ROLE: **Structure component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening is not applicable to this Special Condition

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS N06625](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Aluminum (BM-1), Cobalt (LT-1), Nickel (LT-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and post-industrial scrap.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

3105 ALUMINUM ALLOY

ID: **UNS A93105**

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

%: **100.0000 ALT**

GreenScreen: **See notes**

RC: **Both**

NANO: **No**

MATERIAL ROLE: **Structure component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening is not applicable to this Special Condition

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS A93105](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Aluminum (BM-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

ALLOY 430

ID: **UNS S43000**

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

%: **100.0000 ALT**

GreenScreen: **See notes**

RC: **Both**

NANO: **No**

MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS S43000](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap, but are primarily post-consumer steel products that are recycled at end-of-life.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

BACK FACE

%: **20.0000 - 60.0000**

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Residual and impurity data from suppliers were collected and those that fall above the stated threshold have been disclosed on the HPD.

OTHER MATERIAL NOTES: Multiple metal alloy types and thicknesses may be used for the back face panel.

UNS S13603 MARINE GRADE LOW CARBON STAINLESS STEEL

ID: **UNS S13603**

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

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		
METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [UNS S13603]		
METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.		
GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None		
LISTING NOTES: No Listing Notes are required in this section.		
MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap, but are primarily post-consumer steel products that are recycled at end-of-life.		
ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.		

5005 ALUMINUM ALLOY

ID: **UNS A95005**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library				
%: 100.0000	GreenScreen: See notes	RC: Both	NANO: No	MATERIAL ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
Hazard Screening is not applicable to this Special Condition				
METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [UNS A95005]				
METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.				
GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Aluminum (BM-1)				
LISTING NOTES: No Listing Notes are required in this section.				
MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap.				

5052 ALUMINUM ALLOY

ID: **UNS A95025**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library				
%: 100.0000 ALT	GreenScreen: See notes	RC: Both	NANO: No	MATERIAL ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [UNS A95025]
METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.
GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Aluminum (BM-1)
LISTING NOTES: No Listing Notes are required in this section.
MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap.
ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

3003 ALUMINUM ALLOY

ID: **UNS A93003**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library				
%: 100.0000 ALT	GreenScreen: See notes	RC: Both	NANO: No	MATERIAL ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				
METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [UNS A93003]				
METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.				
GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Aluminum (BM-1)				
LISTING NOTES: No Listing Notes are required in this section.				
MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap.				
ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.				

3105 ALUMINUM ALLOY

ID: **UNS A93105**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library				
%: 100.0000 ALT	GreenScreen: See notes	RC: Both	NANO: No	MATERIAL ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS A93105](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Aluminum (BM-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

ALLOY 304

ID: **UNS S30400**

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

%: **100.0000 ALT** GreenScreen: **See notes** RC: **Both** NANO: **No** MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS S30400](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap, but are primarily post-consumer steel products that are recycled at end-of-life.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

ALLOY 304L

ID: **UNS S30403**

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

%: **100.0000 ALT** GreenScreen: **See notes** RC: **Both** NANO: **No** MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS S30403](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap, but are primarily post-consumer steel products that are recycled at end-of-life.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

UNS S31600 MARINE GRADE STAINLESS STEEL

ID: **UNS S31600**

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

%: **100.0000 ALT**

GreenScreen: **See notes**

RC: **Both**

NANO: **No**

MATERIAL ROLE: **Structure component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening is not applicable to this Special Condition

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS S31600](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap, but are primarily post-consumer steel products that are recycled at end-of-life.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

ALLOY 430

ID: **UNS S40300**

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

%: **100.0000 ALT**

GreenScreen: **See notes**

RC: **Both**

NANO: **No**

MATERIAL ROLE: **Structure component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening is not applicable to this Special Condition

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS S40300](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap, but are primarily post-consumer steel products that are recycled at end-of-life.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

UNS C11000

ID: **UNS C11000**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library				
%: 100.0000 ALT	GreenScreen: See notes	RC: Both	NANO: No	MATERIAL ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS C11000](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources are primarily post-consumer recycled copper scrap

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

UNS C26000

ID: **UNS C26000**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library				
%: 100.0000 ALT	GreenScreen: See notes	RC: Both	NANO: No	MATERIAL ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS C26000](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Lead (BM-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources are primarily post-consumer recycled copper scrap.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

UNS C28000

ID: **UNS C28000**

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

%: **100.0000 ALT**

GreenScreen: **See notes**

RC: **Both**

NANO: **No**

MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS C28000](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Lead (BM-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources are primarily post-consumer recycled copper scrap.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

UNS C51000

ID: **UNS C51000**

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

%: **100.0000 ALT**

GreenScreen: **See notes**

RC: **Both**

NANO: **No**

MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS C51000](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Lead (BM-1), Tin (LT-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources are primarily post-consumer recycled copper scrap.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

UNS C61400

ID: UNS C61400

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

%: 100.0000 ALT

GreenScreen: See notes

RC: Both

NANO: No

MATERIAL ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS C61400](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Aluminum (BM-1), Lead (BM-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources are primarily post-consumer recycled copper scrap.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

ASTM A1011 HSLAS GRADE 50, 60, 70 AND 80

ID: ASTM A1011 HSLAS Grade 50, 60, 70 and 80

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

%: 100.0000 ALT

GreenScreen: See notes

RC: Both

NANO: No

MATERIAL ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[ASTM A1011 HSLAS Grade 50, 60, 70 and 80](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Nickel (LT-1), Vanadium (BM-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and post-industrial scrap, but are primarily post-consumer scrap steel used in electric arc furnace technologies. Applicable UNS numbers for these high-strength low alloy steel (HSLAS) materials were not identified; the ASTM grade is used instead.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

AISI 1008

ID: **UNS G10080**

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

%: **100.0000 ALT** GreenScreen: **See notes** RC: **Both** NANO: **No** MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS G10080](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and post-industrial scrap, but are primarily post-consumer scrap steel used in electric arc furnace technologies.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

AISI 1010

ID: **UNS G10100**

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

%: **100.0000 ALT** GreenScreen: **See notes** RC: **Both** NANO: **No** MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS G10100](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and post-industrial scrap, but are primarily post-consumer scrap steel used in electric arc furnace technologies.

ALTERNATE: This material is an alternate material to 5005 Aluminum Alloy.

CORE MATERIAL %: 0.0000 - 25.0000

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

RESIDUALS AND IMPURITIES NOTES: Residual and impurity data from suppliers were collected and those that fall above the stated threshold have been disclosed on the HPD.

OTHER MATERIAL NOTES: The weight range is due to the product either having no core material, or core material of varying thicknesses. The primary core material is an aluminum core, but various plywood core options may be specified.

3003 ALUMINUM ALLOY ID: [UNS A93003](#)

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

%: **100.0000 ALT** GreenScreen: **See notes** RC: **Both** NANO: **No** MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [[UNS A93003](#)]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Aluminum (BM-1)

LISTING NOTES: No Listing Notes are required in this section.

MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap.

ALTERNATE: This material is an alternate material to Wood.

5052 ALUMINUM ALLOY ID: [UNS A95052](#)

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

%: **100.0000 ALT**
 GreenScreen: **See notes**
 RC: **Both**
 NANO: **No**
 MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		
METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [UNS A95052]		
METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.		
GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Aluminum (BM-1)		
LISTING NOTES: No Listing Notes are required in this section.		
MATERIAL CONTENT NOTES: Recycled content sources include both post-consumer and pre-consumer scrap.		
ALTERNATE: This material is an alternate material to Wood.		

WOOD
 ID: **Biological Material**

HAZARD DATA SOURCE: HPDC Special Conditions Policy				
%: 65.0000 - 98.5000	GreenScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Biological material
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				
BIOLOGICAL MATERIALS CATEGORY: Tree-based materials				
INGREDIENT DESCRIPTION: Various species comprise the core plywood material options, primarily baltic birch (Betula sp., from Russia and Baltic states), and pine (Pinus sp.)				
MATERIAL CONTENT NOTES: There are multiple plywood core options with different percentages of wood composition.				
This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.				

BORIC ACID
 ID: **10043-35-3**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-12-11 12:33:53	
%: 10.0000 - 30.0000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
DEV	MAK	Pregnancy Risk Group B
REP	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
END	EU - Priority Endocrine Disruptors	Category 1 - In vivo evidence of Endocrine Disruption Activity
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
REP	GHS - Australia	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]
REP	EU - GHS (H-Statements) Annex 6 Table 3-1	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
EYE	GHS - New Zealand	Eye irritation category 2
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
REP	GHS - New Zealand	Reproductive toxicity category 2
REP	EU - SVHC List	Toxic to reproduction - Candidate list
REP	EU - SVHC List	Toxic to reproduction - Prioritized for listing
REP	EU - REACH Annex XVII CMRs	Reproductive toxicants: Category 1B
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products

SUBSTANCE NOTES: Percentage range is due to variation in thickness of wood substrate on which this substance is applied. This substance is only present when a specific wood-based core material is used in the final product.

PHENOL, POLYMER WITH FORMALDEHYDE

ID: 9003-35-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-12-11 12:33:54

%, 1.0000 - 5.0000

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Adhesive

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	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2023
		Red List substances to avoid in Living Building Challenge V4.0 projects

SUBSTANCE NOTES: This substance is only present when a specific wood-based core material is used in the final product.

POLYMETHYLENE POLYPHENYL ISOCYANATE

ID: 9016-87-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-12-11 12:33:54

%, 1.0000 - 5.0000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Binder

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
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 - 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 - 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]
MAM	GHS - New Zealand	Acute inhalation toxicity 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]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products

SUBSTANCE NOTES: This substance is only present when a specific wood-based core material is used in the final product.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-12-11 12:33:55	
%: 1.0000 - 2.0000	GreenScreen: BM-3	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
EYE	GHS - New Zealand		Eye irritation category 2	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: This substance is only present when a specific wood-based core material is used in the final product.				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-12-11 12:33:55	
%: 0.5000 - 1.5000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Curing agent
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 Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products
SUBSTANCE NOTES: This substance is only present when a specific wood-based core material is used in the final product.		

2-PROPENOIC ACID, 2,2-BIS[[(1-OXO-2-PROPENYL) OXY]METHYL]-1,3-PROPANEDIYL ESTER

ID: 4986-89-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-12-11 12:33:54		
%: 0.1000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component	

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]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
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]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is only present when a specific wood-based core material is used in the final product.

BENZENE, 1-ISOCYANATO-2-[(4-ISOCYANATOPHENYL)METHYL]-

ID: 5873-54-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-12-11 12:33:54	
%: 0.1000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Monomer
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]		
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 - 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]		
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]		
CAN	EU - Annex VI CMRs	Carcinogen Category 2 - Suspected human Carcinogen		
MAM	GHS - Australia	H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]		
CAN	GHS - Australia	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]		

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products
SUBSTANCE NOTES: This substance is only present when a specific wood-based core material is used in the final product.		

FIBERGLASS				ID: 65997-17-3
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-12-11 12:33:55	
%: 0.1000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler
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: This substance is only present when a specific wood-based core material is used in the final product.				

PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS-, POLYMER WITH (CHLOROMETHYL)OXIRANE					ID: 25068-38-6
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-12-11 12:33:55		
%: 0.1000 - 1.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component	

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
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]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
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]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
SKI	GHS - New Zealand	Skin sensitisation category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 2
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	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 (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Core Restrictions
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2023 Red List substances to avoid in Living Building Challenge V4.0 projects
SUBSTANCE NOTES: This substance is only present when a specific wood-based core material is used in the final product.		

SODIUM HYDROXIDE

ID: 1310-73-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-12-11 12:33:56	
%: 0.0000 - 0.2000	GreenScreen: LT-P1	RC: None	NANO: No
SUBSTANCE ROLE: Adhesive			

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
EYE	GHS - New Zealand	Serious eye damage category 1
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]
SKI	GHS - Australia	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
SKI	GHS - Korea	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1]
SKI	GHS - New Zealand	Skin corrosion category 1B
SKI	GHS - Malaysia	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
EYE	GHS - Malaysia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products
SUBSTANCE NOTES: This substance is only present when a specific wood-based core material is used in the final product.		

FORMALDEHYDE (GAS)

ID: 50-00-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-12-11 12:34:33	
?: 0.0000 - 0.1000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence		
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization		
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant		
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters		
CAN	US EPA - IRIS Carcinogens	(1986) Group B1 - Probable human Carcinogen		

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	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
MAM	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
CAN	GHS - Korea	H350 - May cause cancer [Carcinogenicity - Category 1]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]
GEN	EU - GHS (H-Statements) Annex 6 Table 3-1	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - 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]
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
SKI	GHS - Japan	H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]
SKI	GHS - Australia	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
SKI	GHS - Korea	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1]
AQU	GHS - Japan	H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]
MAM	GHS - Korea	H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]
MAM	GHS - Korea	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
MAM	Québec CSST - WHMIS 1988	Class D1A - Very toxic material causing immediate and serious toxic effects
GEN	EU - Annex VI CMRs	Mutagen - Category 2

MAM	GHS - Japan	H311 - Toxic in contact with skin [Acute Toxicity (dermal) - Category 3]
MAM	GHS - Malaysia	H300 - Fatal if swallowed [Acute toxicity (oral) - Category 1 or 2]
MAM	GHS - Malaysia	H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]
MAM	GHS - Malaysia	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]
SKI	GHS - Malaysia	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
EYE	GHS - Malaysia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
MAM	GHS - Australia	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
MAM	GHS - Australia	H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]
MAM	GHS - Korea	H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 2]
PHY	GHS - Korea	H220 - Extremely flammable gas [Flammable gases - Category 1]
PHY	Québec CSST - WHMIS 1988	Class B1 - Flammable gases
MAM	GHS - Japan	H330 - Fatal if inhaled [Acute toxicity (inhalation: gas) - Category 2]
PHY	GHS - Japan	H220 - Extremely flammable gas [Flammable gases - Category 1]
CAN	GHS - Malaysia	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
AQU	GHS - Australia	H401 - Aquatic Acute 2 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]
MAM	GHS - Australia	H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]
CAN	EU - REACH Annex XVII CMRs	Carcinogens: Category 1B

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Some Solvents
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPH)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPH)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPH)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Footwear, Apparel & Jewelry Products
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2023 Red List substances to avoid in Living Building Challenge V4.0 projects
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPH)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products
SUBSTANCE NOTES: This substance is only present when a specific wood-based core material is used in the final product.		

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: 2023-12-11 00:00:00	CERTIFIER OR LAB: None
APPLICABLE FACILITIES: Buffalo, NY	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.

Z-CLIPS
MANUFACTURER (OR GENERIC): Generic
HPD URL: No HPD Available
ACCESSORY TYPE: Installation Accessory
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Z-Clips are the most popular choice of professional installers because they install in minutes. Z-Clips are available in a wide variety of widths and lengths. Simply attach the wall Z-Rail to wall surface and drop in the factory attached panel clip and panel assembly.
REVEAL STRIPS
MANUFACTURER (OR GENERIC): Rigidized Metals Corporation
HPD URL: No HPD Available
ACCESSORY TYPE: Installation Accessory
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Reveal strips made from Rigidized flat rolled materials are used for installation of interior panel products.

Section 5: General Notes

MANUFACTURER INFORMATION

MANUFACTURER: **Rigidized Metals Corporation**
ADDRESS: **658 Ohio Street**
Buffalo, NY 14203
COUNTRY: **United States**

WEBSITE: **<https://www.rigidized.com/>**
CONTACT NAME: **Jim Halliday**
TITLE: **Director of Business Development**
PHONE: **724-816-8910**
EMAIL: **jhalliday@rigidized.com**

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

KEY

Hazard Types

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

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

Recycled Types

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

Other Terms:

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

Inventory Methods:

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

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

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

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

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

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

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

