

CLASSIFICATION: 08 11 00

PRODUCT DESCRIPTION: Steel Skinned Door with Polystyrene Core. Conforms to HMMA 867 Laminated Core Hollow Metal Door, ANSI A205.4 Physical Endurance Levels of Doors & Frames, ANSI A250.6 Recommended Practice for Hardware Reinforcing, ANSI A250.8/SDI 100 Specifications for Standard Steel Doors & Frames, ANSI A250.10 Test Procedure & Acceptance Criteria for Prime Painted Steel.

Section 1: Summary

Nested Method / Material Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
 Basic Method

Threshold Disclosed Per

- Material
 Product

Threshold level

- 100 ppm
 1,000 ppm
 Per GHS SDS
 Per OSHA MSDS
 Other

Residuals/Impurities

Residuals/Impurities
Considered in 4 of 4 Materials

Explanation(s) provided
for Residuals/Impurities?

- Yes No

Are All Substances Above the Threshold Indicated:

Characterized Yes No

Percent Weight and Role Provided?

Screened Yes No

Using Priority Hazard Lists with Results Disclosed?

Identified Yes No

Name and Identifier Provided?

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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

STEEL [**IRON** LT-P1 | END **CHROMIUM** LT-P1 | RES | END | SKI **NICKEL** LT-1 | CAN | RES | SKI | MAM | MUL **ALUMINUM** LT-P1 | RES | END | PHY **ANTIMONY** LT-1 | AQU | CAN **BORON** LT-UNK **CALCIUM OXIDE** LT-P1 **CARBON** LT-UNK **COPPER** LT-UNK **MAGNESIUM** LT-UNK | PHY **MANGANESE** LT-P1 | END | MUL | REP **MOLYBDENUM** LT-UNK **NIOBIUM** LT-UNK **NITROGEN** NoGS **PHOSPHORUS** BM-2 | MAM | PHY **PHOSPHORUS** BM-2 | MAM | PHY **SELENIUM** LT-P1 | PBT | MAM | MUL | CAN **SILICON** LT-UNK **SULFUR DIOXIDE** LT-1 | DEL | SKI | MAM | END **TIN** LT-UNK **TITANIUM** LT-UNK **TUNGSTEN METAL** LT-UNK **VANADIUM** LT-1 | MUL | CAN | GEN] **PRIME PAINT (DOOR)** [**WATER** BM-4 **FERRIC OXIDE** BM-2 | CAN **TALC** BM-1 | CAN **1-PROPOXY-2-PROPANOL** LT-UNK] **POLYSTYRENE CORE** [**POLYSTYRENE** LT-UNK **PENTANE** LT-P1 | AQU | MAM | MUL | PHY] **POLYCORE ADHESIVE** [**WATER** BM-4 **1,3-BUTADIENE, 2,3-DICHLORO-**, **POLYMER WITH 2-CHLORO-1,3-BUTADIENE** LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 2

Contents highest concern GreenScreen
Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: Inherently non- emitting source per LEED®

LCA: Environmental Product Declaration (EPD) by SCS

LCA: Environmental Product Declaration (EPD) by SCS

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-08-17

PUBLISHED DATE: 2018-08-20

EXPIRY DATE: 2021-08-17



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 2.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

STEEL

#: 93.2000

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were collected for all raw materials included in this product. All chemicals that fall above the stated threshold are included in this section.

OTHER MATERIAL NOTES: This material is used as door skins, top channel, bottom channel, and all reinforcements internally.

IRON

ID: 7439-89-6

#: 42.5800 - 99.9800

GS: LT-P1

RC: Both

NANO: No

ROLE: Steel

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

CHROMIUM

ID: 7440-47-3

#: 0.0100 - 12.5000

GS: LT-P1

RC: UNK

NANO: No

ROLE: Steel

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

NICKEL

ID: 7440-02-0

#: 0.0100 - 3.0000

GS: LT-1

RC: Both

NANO: No

ROLE: Steel

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

IARC

Group 1 - Agent is Carcinogenic to humans

CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

ALUMINUM

ID: 7429-90-5

#: 0.0000 - 3.0000 GS: LT-P1 RC: Both NANO: No ROLE: Steel

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H228 - Flammable solid
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H261 - In contact with water releases flammable gases

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

ANTIMONY

ID: 7440-36-0

#: 0.0000 - 0.9000 GS: LT-1 RC: Both NANO: No ROLE: Steel

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
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CANCER

MAK

Carcinogen Group 2 - Considered to be carcinogenic for man

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

BORON

ID: 7440-42-8

#: **0.0000 - 1.1000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Steel**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

CALCIUM OXIDE

ID: 1305-78-8

#: **0.0000 - 0.9000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Steel**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

CARBON

ID: 7440-44-0

#: **0.0000 - 1.0000** GS: **LT-UNK** RC: **Both** NANO: **No** ROLE: **Steel**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

COPPER

ID: 7440-50-8

#: **0.0000 - 3.5000** GS: **LT-UNK** RC: **Both** NANO: **No** ROLE: **Steel**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

MAGNESIUM

ID: 7439-95-4

#: **0.0000 - 0.9000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Steel**

HAZARDS: AGENCY(IES) WITH WARNINGS:

PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture

MANGANESE

ID: 7439-96-5

#: 0.0000 - 16.0000 GS: LT-P1 RC: UNK NANO: No ROLE: Steel

HAZARDS: AGENCY(IES) WITH WARNINGS:

ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1B

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

MOLYBDENUM

ID: 7439-98-7

#: 0.0000 - 0.9000 GS: LT-UNK RC: UNK NANO: No ROLE: Steel

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

NIOBIUM

ID: 7440-03-1

#: 0.0000 - 0.9000 GS: LT-UNK RC: UNK NANO: No ROLE: Steel

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

NITROGEN

ID: 7727-37-9

#: 0.0000 - 0.9000 GS: NoGS RC: UNK NANO: No ROLE: Steel

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

PHOSPHORUS

ID: 7723-14-0

#: 0.0000 - 0.9000 GS: BM-2 RC: UNK NANO: No ROLE: Steel

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

US EPA - EPCRA Extremely Hazardous Substances

Extremely Hazardous Substances

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H228 - Flammable solid

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

PHOSPHORUS

ID: 7723-14-0

#: 0.0000 - 0.9000 GS: BM-2 RC: UNK NANO: No ROLE: Steel

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

US EPA - EPCRA Extremely Hazardous Substances

Extremely Hazardous Substances

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H228 - Flammable solid

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

SELENIUM

ID: 7782-49-2

#: 0.0000 - 0.9000 GS: LT-P1 RC: UNK NANO: No ROLE: Steel

HAZARDS:

AGENCY(IES) WITH WARNINGS:

PBT

OR DEQ - Priority Persistent Pollutants

Priority Persistent Pollutant - Tier 1

MAMMALIAN

EU - GHS (H-Statements)

H301 - Toxic if swallowed

MAMMALIAN

EU - GHS (H-Statements)

H331 - Toxic if inhaled

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

SILICON

ID: 7440-21-3

#: 0.0000 - 5.0000 GS: LT-UNK RC: UNK NANO: No ROLE: Steel

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

SULFUR DIOXIDE

ID: 7446-09-5

#: **0.0000 - 0.9000** GS: **LT-1** RC: **UNK** NANO: **No** ROLE: **Steel**

HAZARDS: AGENCY(IES) WITH WARNINGS:

DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

TIN

ID: 7440-31-5

#: **0.0000 - 0.9000** GS: **LT-UNK** RC: **Both** NANO: **No** ROLE: **Steel**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

TITANIUM

ID: 7440-32-6

#: **0.0000 - 0.9000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Steel**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

TUNGSTEN METAL

ID: 7440-33-7

#: **0.0000 - 0.9000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Steel**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

VANADIUM

ID: 7440-62-2

#: **0.0000 - 0.9000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Steel**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 3 - Severe Hazard to Waters

CANCER

MAK

Carcinogen Group 2 - Considered to be carcinogenic for man

GENE MUTATION

MAK

Germ Cell Mutagen 2

SUBSTANCE NOTES: This substance is used as part of the steel alloy mixture.

PRIME PAINT (DOOR)

#: **4.0500**

HPD URL:

MATERIAL THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were collected for all raw materials included in this product. All chemicals that fall above the stated threshold are included in this section.

OTHER MATERIAL NOTES: This material is used as a coating to be a rust inhibitor.

WATER

ID: 7732-18-5

#: **43.2283** GS: **BM-4** RC: **None** NANO: **No** ROLE: **Primer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is used as part of mixture for rust inhibitor primer.

FERRIC OXIDE

ID: 1309-37-1

#: **12.4710** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Primer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: This substance is used as part of mixture for rust inhibitor primer.

TALC

ID: 14807-96-6

#: 5.4430	GS: BM-1	RC: None	NANO: No	ROLE: Primer
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER**MAK**

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: This substance is used as part of mixture for rust inhibitor primer.

1-PROPOXY-2-PROPANOL

ID: 1569-01-3

#: 4.5452	GS: LT-UNK	RC: None	NANO: No	ROLE: Primer
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is used as part of mixture for rust inhibitor primer.

POLYSTYRENE CORE#: **2.1000**

HPD URL:

MATERIAL THRESHOLD: **1000 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were collected for all raw materials included in this product. All chemicals that fall above the stated threshold are included in this section.

OTHER MATERIAL NOTES: This material is used for center fill of door, with thermal and sound deadening qualities.

POLYSTYRENE

ID: 9003-53-6

#: 92.5000	GS: LT-UNK	RC: None	NANO: No	ROLE: Polystyrene Core
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance inside door core formulation

PENTANE

ID: 109-66-0

#: 6.0000	GS: LT-P1	RC: None	NANO: No	ROLE: Polystyrene Core
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

CHRON AQUATIC

EU - GHS (H-Statements)

H411 - Toxic to aquatic life with long lasting effects

MAMMALIAN

EU - GHS (H-Statements)

H304 - May be fatal if swallowed and enters airways

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: Substance inside door core formulation

POLYCORE ADHESIVE

%: 0.6550

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were collected for all raw materials included in this product. All chemicals that fall above the stated threshold are included in this section.

OTHER MATERIAL NOTES: This material is used to bond the steel to the polycore.

WATER

ID: 7732-18-5

%: 40.0000 - 60.0000

GS: BM-4

RC: None

NANO: No

ROLE: Adhesive Mixture

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is part of mixture for polycore glue.

1,3-BUTADIENE, 2,3-DICHLORO-, POLYMER WITH 2-CHLORO-1,3-BUTADIENE

ID: 25067-95-2

%: 20.0000 - 40.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Adhesive Mixture

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is part of mixture for polycore glue.

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: **2018-**

EXPIRY DATE:

CERTIFIER OR LAB: **N/A**

APPLICABLE FACILITIES: **The MPI Group, LLC Corbin,
KY 40701 USA**

08-08

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

LCA

Environmental Product Declaration (EPD) by SCS

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2018-**

EXPIRY DATE:

CERTIFIER OR LAB: **Industrial**

APPLICABLE FACILITIES: **The MPI Group, LLC Corbin, KY
40701 USA**

06-15

2023-06-14

Ecology Consultants

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/SCS-EPD-05021_MPI_SteelDoor_061518.pdf

CERTIFICATION AND COMPLIANCE NOTES: **Individual Manufacture EPD**

LCA

Environmental Product Declaration (EPD) by SCS

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2018-**

EXPIRY DATE:

CERTIFIER OR LAB: **Industrial**

APPLICABLE FACILITIES: **The MPI Group, LLC Corbin, KY
40701 USA**

06-14

2023-06-13

Ecology Consultants

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/SCS-EPD-05019_SDI_SteelDoor_061418.pdf

CERTIFICATION AND COMPLIANCE NOTES: **Industry Wide EPD**

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



MANUFACTURER INFORMATION

MANUFACTURER: **The MPI Group, LLC**
ADDRESS: **319 N. Hills Road**
Corbin KY 40701, United States
WEBSITE: **www.metalproductsinc.com**

CONTACT NAME: **David McConnell**
TITLE: **Manager, Products & Services**
PHONE: **606-523-0461**
EMAIL: **support@metalproductsinc.com**

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

Recycled Types

PreC Preconsumer (Post-Industrial)
PostC Postconsumer
Both Both Preconsumer and Postconsumer
Unk Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms

Inventory Methods:

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

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

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

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

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

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

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