

CLASSIFICATION: 08 11 00

PRODUCT DESCRIPTION: Steel Skinned Door with Polyurethane (polyisocyanurate) Core. Conforms to HMMA 867 Laminated Core Hollow Metal Door, 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

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No
% weight and role provided for all substances.

Screened Yes Ex/SC Yes No
One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.

Identified Yes Ex/SC Yes No
One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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 | RES | CAN | SKI | MAM | MUL **ALUMINUM** LT-P1 | RES | PHY | END **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 | PHY | MAM **PHOSPHORUS** BM-2 | PHY | MAM **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] **POLYISOCYANURATE** [**POLYISOCYANATE COMPOUNDS (POLYURETHANE MODIFIED POLYISOCYANURATE)** NoGS **HYDROCARBON BLOWING AGENT BLEND** Not Screened] **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:

None

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

No pre-checks completed or disclosed.

Third Party Verified?

Yes

No

PREPARER: **Self-Prepared**

VERIFIER:

VERIFICATION #:

SCREENING DATE: **2019-01-10**

PUBLISHED DATE: **2019-01-10**

EXPIRY DATE: **2022-01-10**



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

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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-01-10

#: 42.5800 - 99.9800

GS: LT-P1

RC: Both

NANO: No

ROLE: Steel

HAZARD TYPE

AGENCY AND LIST TITLES

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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-01-10

#: 0.0100 - 12.5000

GS: LT-P1

RC: UNK

NANO: No

ROLE: Steel

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagen

Asthmagen (Rs) - sensitizer-induced

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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-01-10

%: 0.0100 - 3.0000

GS: LT-1

RC: Both

NANO: No

ROLE: Steel

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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
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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-01-10

%: 0.0000 - 3.0000

GS: LT-P1

RC: Both

NANO: No

ROLE: Steel

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

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

ANTIMONY

ID: 7440-36-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-01-10

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

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
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**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-01-10**

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

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

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

CALCIUM OXIDE

ID: **1305-78-8**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-01-10**

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

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

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

CARBON

ID: **7440-44-0**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-01-10**

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

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

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

COPPER

ID: **7440-50-8**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-01-10**

#: 0.0000 - 3.5000

GS: LT-UNK

RC: Both

NANO: No

ROLE: Steel

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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

MAGNESIUM

ID: 7439-95-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-01-10

#: 0.0000 - 0.9000

GS: LT-UNK

RC: None

NANO: No

ROLE: Steel

HAZARD TYPE

AGENCY AND LIST TITLES

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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-01-10

#: 0.0000 - 16.0000

GS: LT-P1

RC: UNK

NANO: No

ROLE: Steel

HAZARD TYPE

AGENCY AND LIST TITLES

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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-01-10

#: 0.0000 - 0.9000

GS: LT-UNK

RC: UNK

NANO: No

ROLE: Steel

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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

NIOBIUM

ID: 7440-03-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-01-10**%: **0.0000 - 0.9000**GS: **LT-UNK**RC: **UNK**NANO: **No**ROLE: **Steel**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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

ID: 7727-37-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-01-10**%: **0.0000 - 0.9000**GS: **NoGS**RC: **UNK**NANO: **No**ROLE: **Steel**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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

ID: 7723-14-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-01-10**%: **0.0000 - 0.9000**GS: **BM-2**RC: **UNK**NANO: **No**ROLE: **Steel**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H228 - Flammable solid

MAMMALIAN

US EPA - EPCRA Extremely Hazardous Substances

Extremely Hazardous Substances

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

ID: 7723-14-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-01-10**%: **0.0000 - 0.9000**GS: **BM-2**RC: **UNK**NANO: **No**ROLE: **Steel**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H228 - Flammable solid

MAMMALIAN

US EPA - EPCRA Extremely Hazardous Substances

Extremely Hazardous Substances

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

SELENIUM

ID: 7782-49-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-01-10**%: **0.0000 - 0.9000**GS: **LT-P1**RC: **UNK**NANO: **No**ROLE: **Steel**

HAZARD TYPE	AGENCY AND LIST TITLES	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

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-01-10**%: **0.0000 - 5.0000**GS: **LT-UNK**RC: **UNK**NANO: **No**ROLE: **Steel**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

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

SULFUR DIOXIDE

ID: 7446-09-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-01-10**%: **0.0000 - 0.9000**GS: **LT-1**RC: **UNK**NANO: **No**ROLE: **Steel**

HAZARD TYPE	AGENCY AND LIST TITLES	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

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-01-10**%: **0.0000 - 0.9000**GS: **LT-UNK**RC: **Both**NANO: **No**ROLE: **Steel**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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

ID: 7440-32-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-01-10**%: **0.0000 - 0.9000**GS: **LT-UNK**RC: **UNK**NANO: **No**ROLE: **Steel**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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

ID: 7440-33-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-01-10**%: **0.0000 - 0.9000**GS: **LT-UNK**RC: **UNK**NANO: **No**ROLE: **Steel**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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

ID: 7440-62-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-01-10**%: **0.0000 - 0.9000**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Steel**

HAZARD TYPE

AGENCY AND LIST TITLES

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

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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-01-10

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

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

No hazards found

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

FERRIC OXIDE

ID: 1309-37-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-01-10

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

HAZARD TYPE AGENCY AND LIST TITLES 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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-01-10

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

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

CANCER IARC Group 2B - Possibly carcinogenic to humans

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**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

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

POLYISOCYANURATE

%: **2.1000**

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.**

POLYISOCYANATE COMPOUNDS (POLYURETHANE MODIFIED POLYISOCYANURATE)

ID: **Unknown**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-01-10**

%: **92.0000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Polyisocyanurate Core**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: **Substance inside door core formulation**

HYDROCARBON BLOWING AGENT BLEND

ID: **Unknown**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-01-10**

%: **0.0000 - 8.0000** GS: **Not Screened** RC: **None** NANO: **No** ROLE: **Polyisocyanurate Core**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening not performed		

SUBSTANCE NOTES: **Substance inside door core formulation**

POLYCORE ADHESIVE

%: **0.6550**

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

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-01-10**

#: **40.0000 - 60.0000**

GS: **BM-4**

RC: **None**

NANO: **No**

ROLE: **Adhesive Mixture**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-01-10**

#: **20.0000 - 40.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Adhesive Mixture**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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: **2019-**

EXPIRY DATE:

CERTIFIER OR LAB: **n/a**

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

01-10

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

Section 4: Accessories

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

No accessories are required for this product.

Section 5: General Notes

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.