

# Linen Chutes by All-City Metal

# Health Product Declaration v2.1

CLASSIFICATION: 14 90 00

created via: HPDC Online Builder

PRODUCT DESCRIPTION: This HPD is provided for linen chute assemblies including intake doors. All intake doors are 1-1/2 hour fire rated with 30-minute temperature rise of 250 degrees Fahrenheit and a frame suitable for enclosing multiple type chase construction. Door trim is embossed 'LINEN'. Installation for top-of-the-line style, performance and durability.

## 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

Percent Weight and Role Provided?

- Yes  No

#### Screened

Using Priority Hazard Lists with Results Disclosed?

- Yes  No

#### Identified

Name and Identifier Provided?

- Yes  No

### 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.

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

0

Contents highest concern GreenScreen

Benchmark or List translator Score..... LT-1

Nanomaterial..... No

### INVENTORY AND SCREENING NOTES:

**MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY**  
**GREENSCREEN SCORE | HAZARD TYPE**

LINEN CHUTES [ STEEL (STEEL) NoGS 3003-H14 ALUMINUM (ALUMINUM) LT-P1 | RES | END | PHY SILICON (SILICON) LT-UNK MINERAL OILS (UNTREATED AND MILDLY TREATED OILS) (MINERAL OILS (UNTREATED AND MILDLY TREATED OILS)) LT-UNK ] LINEN CHUTE DOORS [ 304 STAINLESS STEEL (304 STAINLESS STEEL) NoGS ] MIG WIRE [ MANGANESE (MANGANESE) LT-P1 | END | MUL | REP COPPER (COPPER) LT-UNK CHROMIUM (CHROMIUM) LT-P1 | RES | END | SKI MOLYBDENUM (MOLYBDENUM) LT-UNK NICKEL (NICKEL) LT-1 | CAN | RES | SKI | MAM | MUL SILICON (SILICON) LT-UNK CARBON (CARBON) LT-UNK SULFUR (SULFUR) LT-UNK | SKI VANADIUM (VANADIUM) LT-1 | MUL | CAN | GEN PHOSPHORUS (PHOSPHORUS) BM-2 | MAM | PHY TITANIUM (TITANIUM) LT-UNK ALUMINUM (ALUMINUM) LT-P1 | RES | END | PHY ] INTAKE DOOR HANDLE WITH BOLT LATCH [ ZINC (ZINC) LT-P1 | AQU | END | MUL | PHY BRASS (BRASS) NoGS STEEL (STEEL) NoGS HEXAVALENT CHROMIUM LT-1 | RES | CAN | DEL | REP | AQU | SKI | END | GEN ]

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

### CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

Recycled content: Type II Environmental Labeling

### CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2017-12-07  
PUBLISHED DATE: 2018-03-16  
EXPIRY DATE: 2020-12-07

## 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](http://www.hpd-collaborative.org/hpd-2-1-standard)

### LINEN CHUTES

%: **75.0000 - 90.0000**

HPD URL:

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Material is estimated to have no residuals/impurities over 100 ppm based off supplier information.

OTHER MATERIAL NOTES: Metal Coated Steel Sheet as sold/shipped in its physical form does not present an inhalation, ingestion or contact hazard. However, operations such as burning, welding (high temperature), sawing, brazing, machining, grinding, etc. may produce fumes and/or particulates. Semi-formed steel products are considered articles under Reach regulation (REACH REGULATION (EC) No 1907/2006) and are not subject to classification under CLP regulation (REGULATION (EC) No 1272/2008).

### STEEL (STEEL)

ID: **12597-69-2**

%: **99.1300 - 99.9000**

GS:

**NoGS**

RC:

**Both**

NANO:

**No**

ROLE: **Primary ingredient for Type I Aluminized Sheet Steel.**

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See material notes.

### 3003-H14 ALUMINUM (ALUMINUM)

ID: **7429-90-5**

%: **0.7900 - 0.9100**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Coatings & Finishing Treatments**

HAZARDS:

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: Main component in the coating of Type I Aluminized Sheet Steel. Unfinished steel is continuously hot dip coated on both sides with an aluminum and silicon coating resulting in a material with the strength of steel and the corrosion protection of aluminum. Metal coated sheet steel as sold/shipped in its physical form does not present an inhalation, ingestion or contact hazard, not would any of the following exposure data apply. However, operations such as burning, welding (high temperature), sawing, brazing, machining, grinding, etc. may produce fumes and/or particulates.

**SILICON (SILICON)**ID: **7440-21-3**

%: <b>0.0800 - 0.0900</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Coatings &amp; Finishing Treatments</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Main component in the coating of Type I Aluminized Sheet Steel. Unfinished/untreated steel is continuously hot dip coated on both sides with an aluminum and silicon coating resulting in a material with the strength of steel and the corrosion protection of aluminum. Metal coated sheet steel as sold/shipped in its physical form does not present an inhalation, ingestion or contact hazard, nor would any of the following exposure data apply. However, operations such as burning, welding (high temperature), sawing, brazing, machining, grinding, etc. may produce fumes and/or particulates.

**MINERAL OILS (UNTREATED AND MILDLY TREATED OILS)  
(MINERAL OILS (UNTREATED AND MILDLY TREATED OILS))**ID: **8020-83-5**

%: <b>0.0000 - 0.0100</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Coatings &amp; Finishing Treatments</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Type I Aluminized Steel is typically treated with a protective mineral oil to prevent staining in transit and storage.

**LINEN CHUTE DOORS****%: 10.0000 - 25.0000****HPD URL:**

MATERIAL THRESHOLD: <b>100 ppm</b>	RESIDUALS AND IMPURITIES CONSIDERED: <b>Yes</b>
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RESIDUALS AND IMPURITIES NOTES: Material is estimated to have no residuals/impurities over 100 ppm based off supplier information.

OTHER MATERIAL NOTES: STEEL PRODUCTS ARE NOT HAZARDOUS PER OSHA GHS 29 CFR 1910, 1915, 1926. However, individual customer processes, (such as welding, sawing, brazing, grinding, abrasive blasting, and machining) may result in the formation of fumes, dust (combustible or otherwise), and/or particulate that may present health hazards.

**304 STAINLESS STEEL (304 STAINLESS STEEL)**ID: **12597-68-1**

%: <b>10.0000 - 25.0000</b>	GS: <b>NoGS</b>	RC: <b>Both</b>	NANO: <b>No</b>	ROLE: <b>Primary material in chute door assembly.</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Main component in the Linen Chute Doors. Chute doors are factory formed, welded and embossed with "LINEN" to create standard intake door.

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Material is estimated to have no residuals/impurities over 100 ppm based off supplier information.

OTHER MATERIAL NOTES: MIG Wire is used for butt and fillet welding of linen chute and chute door assemblies. The MIG wire is used in conjunction with an inert gas blend of 86% argon, 12% carbon dioxide, and 2% oxygen. The MIG wire features excellent tolerance of rust and scale, and produces the highest deposit strength of all the high carbon steel MIG wires.

**MANGANESE (MANGANESE)**

ID: 7439-96-5

%: **1.1400 - 2.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Primary material in MIG wire**

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: See Material Notes.

**COPPER (COPPER)**

ID: 7440-50-8

%: **0.3000 - 0.5000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Primary material in MIG wire**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Material Notes.

**CHROMIUM (CHROMIUM)**

ID: 7440-47-3

%: **0.1500 - 0.5000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Primary material in MIG wire**

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: See Material Notes.

**MOLYBDENUM (MOLYBDENUM)**

ID: 7439-98-7

%: **0.1500 - 0.1500**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Primary material in MIG wire**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Material Notes.

### NICKEL (NICKEL)

ID: **7440-02-0**

%: **0.1500 - 0.1500**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Primary material in MIG wire**

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

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: See Material Notes.

### SILICON (SILICON)

ID: **7440-21-3**

%: **0.1000 - 1.1500**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Primary material in MIG wire**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Material Notes.

### CARBON (CARBON)

ID: **7440-44-0**

%: **0.0600 - 0.1500**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Primary material in MIG wire**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Material Notes.

### SULFUR (SULFUR)

ID: **7704-34-9**

%: **0.0350 - 0.0350**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Primary material in MIG wire**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

SUBSTANCE NOTES: See Material Notes.

### VANADIUM (VANADIUM)

ID: **7440-62-2**

%: **0.0300 - 0.0300**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Primary material in MIG wire**

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: See Material Notes.

### PHOSPHORUS (PHOSPHORUS)

ID: **7723-14-0**

%: **0.0250 - 0.1500**

GS: **BM-2**

RC: **None**

NANO: **No**

ROLE: **Primary material in MIG wire**

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: See Material Notes.

### TITANIUM (TITANIUM)

ID: **7440-32-6**

%: **0.0000 - 0.1700**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Primary material in MIG wire**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Material Notes.

### ALUMINUM (ALUMINUM)

ID: **7429-90-5**

%: **0.0000 - 0.1500**      GS: **LT-P1**      RC: **None**      NANO: **No**      ROLE: **Primary material in MIG wire**

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: See Material Notes.

### INTAKE DOOR HANDLE WITH BOLT LATCH

%: **0.5000 - 1.0000**

HPD URL:

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Material is estimated to have no residuals/impurities over 100 ppm based off supplier information.

OTHER MATERIAL NOTES:

### ZINC (ZINC)

ID: **7440-66-6**

%: **61.0000 - 61.9900**      GS: **LT-P1**      RC: **None**      NANO: **No**      ROLE: **Latch chassis component and lever**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
ACUTE AQUATIC	EU - GHS (H-Statements) H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements) H410 - Very toxic to aquatic life with long lasting effects
ENDOCRINE	TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters
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: Die-cast lock components. The hazards associated with zinc are dependent upon the form in which zinc is provided. As zinc is inert upon receipt in final product and unlikely to leach from the lock into the environment, the risk of exposure to zinc components is negligible and the listed hazards can be deemed irrelevant to the end-user.

### BRASS (BRASS)

ID: 12597-71-6

%: **21.6100 - 23.9900** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Cylinder and roses**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

### STEEL (STEEL)

ID: 12597-69-2

%: **15.0000 - 15.9000** GS: **NoGS** RC: **Both** NANO: **No** ROLE: **Bolt latch components**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

### HEXAVALENT CHROMIUM

ID: 18540-29-9

%: **0.1000 - 0.5000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **finish coat**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

CANCER

US EPA - IRIS Carcinogens

(1996) Known/likely human Carcinogen

CANCER

US EPA - IRIS Carcinogens

(1986) Group A - Human Carcinogen

CANCER

IARC

Group 1 - Agent is Carcinogenic to humans

CANCER

CA EPA - Prop 65

Carcinogen

DEVELOPMENTAL

CA EPA - Prop 65

Developmental toxicity

REPRODUCTIVE

CA EPA - Prop 65

Reproductive Toxicity - Female

REPRODUCTIVE

CA EPA - Prop 65

Reproductive Toxicity - Male

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

ACUTE AQUATIC

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life

CHRON AQUATIC

EU - GHS (H-Statements)

H410 - Very toxic to aquatic life with long lasting effects

SKIN SENSITIZE

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

CANCER

EU - GHS (H-Statements)

H350i - May cause cancer by inhalation

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor



CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
CANCER	Korea - GHS	Carcinogenicity - Category 1 [H350 - May cause cancer]
GENE MUTATION	MAK	Germ Cell Mutagen 2

SUBSTANCE NOTES:

## 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.*

### RECYCLED CONTENT

### Type II Environmental Labeling

CERTIFYING PARTY: Self-declared  
 APPLICABLE FACILITIES: All products sold by Wheeling-Nisshin are coated in Follansbee, West Virginia, U.S.A. and the base metal is purchased by Wheeling-Nisshin from steel companies within the United States.  
 CERTIFICATE URL: <http://www.wheeling-nisshin.com/questions#q14>

ISSUE DATE: 2018-03-16      EXPIRY DATE:      CERTIFIER OR LAB: Wheeling-Nisshin

CERTIFICATION AND COMPLIANCE NOTES: Wheeling-Nisshin purchases cold rolled steel which is produced by several domestic manufacturers. These manufacturers have the ability to make steel with either an electric arc furnace or the basic oxygen process. Both of these steel making techniques use a minimum of 25 percent recycled steel content.

## 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.*

### INTERLOCK SMART DOOR

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

The Interlock Smart Door can be specified as an alternate to the standard linen chute intake door. The Interlock Smart Door features controls fully concealed in a compartment located within the 16 gauge stainless steel frame of the door. This one piece construction feature allows for an easy installation and mounting of the door and electronics in one step. This door can be installed in every type of construction and results in a flush mounted installation. Smart Technology has been created to allow the user to understand with a clear visual lighting system, the availability of each door. The main controller will allow a manual shut-down or override for either scheduled maintenance or emergency repair.

## Section 5: General Notes

Since 1992, All-City has been in the business of manufacturing chutes, chutes doors, duct work and specialty metal fabrications. We provide top-of-the-line style, performance and durability, and proudly design and manufacture ALL our products in the U.S.A.

## Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: **All-City Metal**  
ADDRESS: **54-34 45th Street**  
**Maspeth New York 11378, United States**  
WEBSITE: **www.allcitymetal.com**

CONTACT NAME: **Alicia Barreto**  
TITLE: **Executive Assistant**  
PHONE: **8886825757**  
EMAIL: **esales@allcitymetal.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

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

### GreenScreen (GS)

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

**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

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*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.*