

**CLASSIFICATION:** 34 77 13 Passenger Boarding Bridges

**PRODUCT DESCRIPTION:** The Jetway® Passenger Boarding Bridges are at the heart of every successful aircraft boarding experience. The passenger boarding bridge is the movable passageway that connects the terminal to the aircraft. Built for longevity, reliability, and air traveler experience, the innovative bridge provides operator assisted docking for smoother, and more efficient boarding procedures. Programmable Logic Controllers (PLC) improve diagnostic and monitoring capabilities taking the mystery out of operational readiness. Unique designs and control features allow for increased operational flexibility with changing aircraft and terminal configurations.

**Section 1: Summary**

**Basic Method / Product 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**

- Considered
- Partially Considered
- Not Considered

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 except SC substances characterized according to SC guidance.*

**Screened**  Yes Ex/SC  Yes  No  
*All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.*

**Identified**  Yes Ex/SC  Yes  No  
*All substances disclosed by Name (Specific or Generic) and Identifier except SC substances identified according to SC 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**

SFO - AUSTIN WEBCOR JV | STEEL MANUFACTURE, CHEMICALS LT-UNK  
SC:WOOD / CELLULOSE Not Screened 3003-H14 ALUMINUM LT-P1 | RES |  
PHY | END CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-  
UNK HIGH-IMPACT POLYSTYRENE LT-UNK SC:LIGHT FIXTURE Not  
Screened BORIC ACID LT-1 | END | REP | MUL | DEL MELAMINE-UREA-  
FORMALDEHYDE (MUF) LT-UNK SC:LIGHT FIXTURE Not Screened 302  
STAINLESS STEEL NoGS MELAMINE FORMALDEHYDE LT-UNK  
SC:ELECTRICAL ASSEMBLY Not Screened SC:ELECTRICAL ACTUATOR  
Not Screened UNS Z33520 ZINC ALLOY LT-P1 | AQU | PHY | END | MUL  
ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) LT-UNK KAOLIN,  
CALCINED LT-UNK PHENOL FORMALDEHYDE LT-P1 | RES MAGNESIUM  
LT-UNK | PHY UREA FORMALDEHYDE LT-P1 | RES UREA LT-UNK  
TITANIUM DIOXIDE LT-1 | CAN | END SLACK WAX (PETROLEUM) LT-1 |  
CAN | MUL CARBON BLACK LT-1 | CAN ]

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:**

Special conditions applied: BiologicalMaterial, Electronics

[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

JBT worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1,000 ppm threshold.

**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: No VOC Certification  
Other: Environmental Product Declaration (EPD) by SCS

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

Yes

No

PREPARER: **ToxServices LLC**  
VERIFIER: **SCS Global Services**  
VERIFICATION #: **qGE-9046**

SCREENING DATE: **2019-10-30**  
PUBLISHED DATE: **2019-12-11**  
EXPIRY DATE: **2022-10-30**



## 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 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

### SFO - AUSTIN WEBCOR JV

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: JBT worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1,000 ppm threshold. All components present in the final Jetway assembly that weigh 18 lbs. or more have been included in this HPD.

OTHER PRODUCT NOTES:

#### STEEL MANUFACTURE, CHEMICALS

ID: 65997-19-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-10-30

#: 60.43 - 60.43

GS: LT-UNK

RC: None

NANO: No

ROLE: Structure Components

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

#### SC:WOOD / CELLULOSE

ID: SC:Bio

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-10-30

#: 19.25 - 23.32

GS: Not Screened

RC:

None

NANO:

No

ROLE: Wallboard and Particle Board Components

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCBioMats/2018-02-23

Category: Tree-based materials

Identifier: Hard and Soft Woods

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.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-10-30**

%: **4.66 - 5.18** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Structure and Finish Components**

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:

**CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE**

ID: 65997-17-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-10-30**

%: **1.56 - 1.73** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Fiberglass Insulation Components**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**HIGH-IMPACT POLYSTYRENE**

ID: 9003-55-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-10-30**

%: **1.27 - 1.27** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **EPDM Gasket Seal Components**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**SC:LIGHT FIXTURE**

ID: **SC:Electronics**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-10-30**

%: **0.90 - 0.90** GS: **Not Screened** RC: **None** NANO: **No** ROLE: **Lighting Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
		Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCElec/2018-02-23

Brief Description: LED Light Fixture 120-277V 1 x 4 W/DIF

Compliance: RoHS

Takeback Program: No Takeback Program

**BORIC ACID**

ID: 10043-35-3

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

HAZARD SCREENING DATE: **2019-10-30**

#: **0.81 - 2.44** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Wallboard Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	EU - Priority Endocrine Disruptors	Category 1 - In vivo evidence of Endocrine Disruption Activity
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Candidate list
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Prioritized for listing
REPRODUCTIVE	EU - GHS (H-Statements)	H360FD - May damage fertility. May damage the unborn child
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
DEVELOPMENTAL	MAK	Pregnancy Risk Group B
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
REPRODUCTIVE	GHS - Australia	H360Fd - May damage fertility. Suspected of damaging the unborn child

SUBSTANCE NOTES:

**MELAMINE-UREA-FORMALDEHYDE (MUF)**

ID: 25036-13-9

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

HAZARD SCREENING DATE: **2019-10-30**

#: **0.81 - 1.96** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Wallboard Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**SC:LIGHT FIXTURE**

ID: **SC:Electronics**

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

HAZARD SCREENING DATE: **2019-10-30**

%: **0.80 - 0.80** GS: **Not Screened** RC: **None** NANO: **No** ROLE: **Lighting Component**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCElec/2018-02-23  
Brief Description: LED Light Fixture 120-277V 2 x 4 W/BTRY  
Compliance: RoHS  
Takeback Program: No Takeback Program

**302 STAINLESS STEEL**

ID: **12597-68-1**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-10-30**

%: **0.75 - 0.75** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Structure and Finish Components**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**MELAMINE FORMALDEHYDE**

ID: **9003-08-1**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-10-30**

%: **0.40 - 1.44** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Wallboard and Particle Board Components**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**SC:ELECTRICAL ASSEMBLY**

ID: **SC:Electronics**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-10-30**

%: **0.27 - 0.27** GS: **Not Screened** RC: **None** NANO: **No** ROLE: **Electrical Assembly**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCElec/2018-02-23  
Brief Description: Electrical Assembly  
Compliance: RoHS  
Takeback Program: No Takeback Program

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

HAZARD SCREENING DATE: **2019-10-30**

%: **0.21 - 0.21**      GS: **Not Screened**      RC: **None**    NANO: **No**    ROLE: **Electrical Actuator Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening not performed		

SUBSTANCE NOTES:

Version: SCElec/2018-02-23  
 Brief Description: Linear Actuator 115 VAC  
 Compliance: RoHS  
 Takeback Program: No Takeback Program

UNS Z33520 ZINC ALLOY

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

HAZARD SCREENING DATE: **2019-10-30**

%: **0.11 - 0.11**      GS: **LT-P1**      RC: **None**    NANO: **No**    ROLE: **Powder Coating Component**

HAZARD TYPE	AGENCY AND LIST TITLES	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
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
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES:

ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)

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

HAZARD SCREENING DATE: **2019-10-30**

%: **0.11 - 0.11**      GS: **LT-UNK**      RC: **None**    NANO: **No**    ROLE: **EPDM Gasket Seal Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

KAOLIN, CALCINED

%: **0.11 - 0.11** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Rubber Bumper Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found**

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**PHENOL FORMALDEHYDE**ID: **9003-35-4**%: **0.07 - 0.12** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Wallboard Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**RESPIRATORY****AOEC - Asthmagens****Asthmagen (Rs) - sensitizer-induced**

SUBSTANCE NOTES:

**MAGNESIUM**ID: **7439-95-4**%: **0.00 - 0.21** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Aluminum Extrusion and Ceiling Plank Components**

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:

**UREA FORMALDEHYDE**ID: **9011-05-6**%: **0.00 - 2.31** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Wallboard Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**RESPIRATORY****AOEC - Asthmagens****Asthmagen (Rs) - sensitizer-induced**

SUBSTANCE NOTES:



**UREA**

ID: 57-13-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-10-30**%: **0.00 - 0.49**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Wallboard Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**TITANIUM DIOXIDE**

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-10-30**%: **0.00 - 0.25**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Wallboard Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

CANCER

MAK

Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES:

**SLACK WAX (PETROLEUM)**

ID: 64742-61-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-10-30**%: **0.00 - 0.16**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Wallboard Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
CANCER	GHS - Australia	H350 - May cause cancer

SUBSTANCE NOTES:

## CARBON BLACK

ID: 1333-86-4

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

HAZARD SCREENING DATE: **2019-10-30**

#: **0.00 - 0.16**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Wallboard Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

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.*

### VOC EMISSIONS

### No VOC Certification

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2019-**

EXPIRY DATE:

CERTIFIER OR LAB: **N/A**

APPLICABLE FACILITIES: **N/A**

**10-30**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **CDPH Standard V1.2 (Section 01350/CHPS)- Not tested**

### OTHER

### Environmental Product Declaration (EPD) by SCS

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-**

EXPIRY DATE: **2024-**

CERTIFIER OR LAB: **SCS**

APPLICABLE FACILITIES: **All Facilities**

**07-15**

**07-14**

**Global Services**

CERTIFICATE URL:

[https://www.scs-certified.com/products/cert\\_pdfs/SCS-EPD-05609\\_JBT-Aerotech\\_071519.pdf](https://www.scs-certified.com/products/cert_pdfs/SCS-EPD-05609_JBT-Aerotech_071519.pdf)

CERTIFICATION AND COMPLIANCE NOTES: **SCS-EPD-05609; Product Category Rule for Construction Products and Construction Services. Product Group Classification: Multiple UN CPC Codes. International EPD® System. 2012:01. Version 2.3. November 2018.**

## 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

JBT worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1,000 ppm threshold.



## MANUFACTURER INFORMATION

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MANUFACTURER: **JBT Aerotech**  
ADDRESS: **3100 Pennsylvania Ave**  
**Ogden UT 84401, USA**  
WEBSITE: **https://www.jbtc.com**

CONTACT NAME: **Jake Brown**  
TITLE: **Project Manger**  
PHONE: **801-317-7614**  
EMAIL: **Jake.Brown@JBTC.COM**

## KEY

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**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  
**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.*