

CLASSIFICATION: 06 40 23

created via: HPDC Online Builder

**PRODUCT DESCRIPTION:** Portland Cladding conveys natural wood tones. The cladding is made from reclaimed Douglas fir solid and glue laminated beams from deconstructed industrial, agricultural, and residential buildings in the Pacific NW. Portland Cladding has beveled edges with tongue and groove sides for easy installation. 25% of the boards retain a skip-sawn face. Some reclaimed marks may be evident including nail holes, staining, and finger joints. Portland Cladding is available in a smooth or textured face, in 8 standard finishes, and measures ½” thick, 4 ½” wide, in random lengths of 2’ to 8’.

## 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 3 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.

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

RECLAIMED DOUGLAS FIR SOLID OR GLU-LAM BEAM STOCK [ DOUGLAS FIR (DOUGLAS FIR) NoGS ] STAIN DYES [ SODIUM SULFATE LT-UNK ] FIRE RETARDANT [ WATER BM-4 WATER BM-4 1-CYANOGLUANIDINE (1-CYANOGLUANIDINE) LT-UNK UREA (UREA) LT-UNK AMMONIUM PHOSPHATE, DIBASIC LT-UNK PHOSPHORIC ACID (PHOSPHORIC ACID) LT-P1 | SKI ] TOP COAT [ BUTYL ACETATE (BUTYL ACETATE) LT-UNK ETHANOL (ETHANOL) BM-2 | CAN | END | REP | DEL | PHY NITROCELLULOSE (NITROCELLULOSE) LT-UNK ETHYL ACETATE (ETHYL ACETATE) LT-UNK | EYE | PHY ETHYL ACETATE (ETHYL ACETATE) LT-UNK | EYE | PHY ISOPROPYL ALCOHOL BM-2 | EYE | PHY ISOPROPYL ALCOHOL BM-2 | EYE | PHY N-BUTANOL BM-2 | MAM | SKI | EYE FORMALDEHYDE (FORMALDEHYDE) LT-1 | MAM | SKI | CAN | RES | GEN | MUL | END ]

Number of Greenscreen BM-4/BM3 contents..... 2  
Contents highest concern GreenScreen  
Benchmark or List translator Score..... LT-1  
Nanomaterial..... No

### INVENTORY AND SCREENING NOTES:

Portland Cladding is made from reclaimed Douglas Fir solid or glu-lam beams. The content inventory consists of the wood material and finishes used to make the product. Occasional glue stripes may be in some portions of the product but are not included in the content inventory. The glues are of unknown origin given the beams were made 50-150 years ago.

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

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

Sustainable forestry: FSC Certification - Recycled

### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes  
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2017-10-23

PUBLISHED DATE: 2017-10-23

EXPIRY DATE: 2020-10-23

## 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)

### RECLAIMED DOUGLAS FIR SOLID OR GLU-LAM BEAM STOCK

%: 99.0000 - 99.0000

HPD URL:

MATERIAL THRESHOLD: Other

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Occasional glue stripe may be included. Glue of unknown origin given the beams were made 50-150 years ago.

OTHER MATERIAL NOTES: The cladding is made from reclaimed Douglas fir solid and glue laminated beams from deconstructed industrial, agricultural, and residential buildings in the Pacific NW.

#### DOUGLAS FIR (DOUGLAS FIR)

ID: Not registered

%: 100.0000 - 100.0000

GS: NoGS

RC: None

NANO: No

ROLE: This substance is the main body of the product.

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Reclaimed Douglas Fir Janka hardness scale - 660 lbf Textured face, tongue and groove sides with beveled edges. 25% of boards retaining skip sawn face. Standard reclaimed marks may be apparent. Voids allowed up to 1/8" and are not filled. Reclaimed material free from paint.

### STAIN DYES

%: 0.1000

HPD URL:

MATERIAL THRESHOLD: Other

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: For more information on the residual and impurities in this product please consult the manufacturers website.

OTHER MATERIAL NOTES: Windfall Lumber uses non-toxic water based stains and dyes whenever possible.

#### SODIUM SULFATE

ID: 7757-82-6

%: 0.0100

GS: LT-UNK

RC: None

NANO: No

ROLE: This product is a component of the stain dye.

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This component is used by the manufacture of the dye.

MATERIAL THRESHOLD: **Other**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: For more information on the residuals and impurities of this product please consult the manufacturer.

OTHER MATERIAL NOTES: This is an optional product used when required by the customer. FX Lumber Guard is produced by Fire Retardant Coatings of Texas and is used as a fire resistant top coat. The Safety Data Sheet can be found on their website at [www.frctexas.com](http://www.frctexas.com).

**WATER**

ID: **7732-18-5**

**%: 85.9300** GS: **BM-4** RC: **None** NANO: **No** ROLE: **This product is a component of the fire retardant.**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This is an optional product used when required by the customer. FX Lumber Guard is produced by Fire Retardant Coatings of Texas and is used as a fire resistant top coat. The Safety Data Sheet can be found on their website at [www.frctexas.com](http://www.frctexas.com).

**WATER**

ID: **7732-18-5**

**%: 85.9300** GS: **BM-4** RC: **None** NANO: **No** ROLE: **This product is a component of the fire retardant.**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This is an optional product used when required by the customer. FX Lumber Guard is produced by Fire Retardant Coatings of Texas and is used as a fire resistant top coat. The Safety Data Sheet can be found on their website at [www.frctexas.com](http://www.frctexas.com).

**1-CYANO GUANIDINE (1-CYANO GUANIDINE)**

ID: **461-58-5**

**%: 9.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **This product is a component of the fire retardant.**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This is an optional product used when required by the customer. FX Lumber Guard is produced by Fire Retardant Coatings of Texas and is used as a fire resistant top coat. The Safety Data Sheet can be found on their website at [www.frctexas.com](http://www.frctexas.com).

**UREA (UREA)**

ID: **57-13-6**

**%: 2.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **This product is a component of the fire retardant.**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This is an optional product used when required by the customer. FX Lumber Guard is produced by Fire Retardant Coatings of Texas and is used as a fire resistant top coat. The Safety Data Sheet can be found on their website at [www.frctexas.com](http://www.frctexas.com).

**AMMONIUM PHOSPHATE, DIBASIC**

ID: 7783-28-0

GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>This product is a component of the fire retardant.</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: This is an optional product used when required by the customer. FX Lumber Guard is produced by Fire Retardant Coatings of Texas and is used as a fire resistant top coat. The Safety Data Sheet can be found on their website at [www.frctexas.com](http://www.frctexas.com).

**PHOSPHORIC ACID (PHOSPHORIC ACID)**

ID: 7664-38-2

GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>This product is a component of the fire retardant.</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
SKIN IRRITATION	EU - R-phrases R34 - Causes burns
SKIN IRRITATION	EU - GHS (H-Statements) H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES: This is an optional product used when required by the customer. FX Lumber Guard is produced by Fire Retardant Coatings of Texas and is used as a fire resistant top coat. The Safety Data Sheet can be found on their website at [www.frctexas.com](http://www.frctexas.com).

**TOP COAT**

%: 0.1000

HPD URL:

MATERIAL THRESHOLD: <b>Other</b>	RESIDUALS AND IMPURITIES CONSIDERED: <b>Yes</b>
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RESIDUALS AND IMPURITIES NOTES: The residuals and impurities for this product can be found on the manufacturers website.

OTHER MATERIAL NOTES: When a fire retardant is required for this product it is finished with a oil based top coat. For more information please consult the manufacturers website: Sher-Wood 9420s LV Precatalysed Topcat 20 Gloss T77F90023.

**BUTYL ACETATE (BUTYL ACETATE)**

ID: 123-86-4

GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>This product is a component top coat.</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: When a fire retardant is required for this product it is finished with a oil based top coat. For more information please consult the manufacturers website: Sher-Wood 9420s LV Precatalysed Topcat 20 Gloss T77F90023.

**ETHANOL (ETHANOL)**

ID: 64-17-5

GS: <b>BM-2</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>This product is a component top coat.</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 5 - Genotoxic carcinogen with very slight risk under MAK/BAT levels
CANCER	Japan - GHS	Carcinogenicity - Category 1A
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1A
DEVELOPMENTAL	CA EPA - Prop 65	Developmental - specific to chemical form or exposure route
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour

SUBSTANCE NOTES: When a fire retardant is required for this product it is finished with a oil based top coat. For more information please consult the manufacturers website: Sher-Wood 9420s LV Precatalysed Topcat 20 Gloss T77F90023.

### NITROCELLULOSE (NITROCELLULOSE)

ID: 9004-70-0

#: **7.2900** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **This product is a component top coat.**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: When a fire retardant is required for this product it is finished with a oil based top coat. For more information please consult the manufacturers website: Sher-Wood 9420s LV Precatalysed Topcat 20 Gloss T77F90023.

### ETHYL ACETATE (ETHYL ACETATE)

ID: 141-78-6

#: **5.1200** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **This product is a component top coat.**

HAZARDS: AGENCY(IES) WITH WARNINGS:

EYE IRRITATION EU - R-phrases R36 - Irritating to eyes

EYE IRRITATION EU - GHS (H-Statements) H319 - Causes serious eye irritation

PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H225 - Highly flammable liquid and vapour

SUBSTANCE NOTES: When a fire retardant is required for this product it is finished with a oil based top coat. For more information please consult the manufacturers website: Sher-Wood 9420s LV Precatalysed Topcat 20 Gloss T77F90023.

### ETHYL ACETATE (ETHYL ACETATE)

ID: 141-78-6

#: **5.1200** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **This product is a component top coat.**

HAZARDS: AGENCY(IES) WITH WARNINGS:

EYE IRRITATION EU - R-phrases R36 - Irritating to eyes

EYE IRRITATION EU - GHS (H-Statements) H319 - Causes serious eye irritation

SUBSTANCE NOTES: When a fire retardant is required for this product it is finished with a oil based top coat. For more information please consult the manufacturers website: Sher-Wood 9420s LV Precatalysed Topcat 20 Gloss T77F90023.

**ISOPROPYL ALCOHOL**

ID: 67-63-0

#: **3.1200** GS: **BM-2** RC: **None** NANO: **No** ROLE: **This product is a component top coat.**

## HAZARDS:

## AGENCY(IES) WITH WARNINGS:

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H225 - Highly flammable liquid and vapour

SUBSTANCE NOTES: When a fire retardant is required for this product it is finished with a oil based top coat. For more information please consult the manufacturers website: Sher-Wood 9420s LV Precatalysed Topcat 20 Gloss T77F90023.

**ISOPROPYL ALCOHOL**

ID: 67-63-0

#: **3.1200** GS: **BM-2** RC: **None** NANO: **No** ROLE: **This product is a component top coat.**

## HAZARDS:

## AGENCY(IES) WITH WARNINGS:

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H225 - Highly flammable liquid and vapour

SUBSTANCE NOTES: When a fire retardant is required for this product it is finished with a oil based top coat. For more information please consult the manufacturers website: Sher-Wood 9420s LV Precatalysed Topcat 20 Gloss T77F90023.

**N-BUTANOL**

ID: 71-36-3

#: **1.4400** GS: **BM-2** RC: **None** NANO: **No** ROLE: **This product is a component top coat.**

## HAZARDS:

## AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

SKIN IRRITATION

EU - R-phrases

R38 - Irritating to skin

EYE IRRITATION

EU - R-phrases

R41 - Risk of serious damage to eyes

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

EYE IRRITATION

EU - GHS (H-Statements)

H318 - Causes serious eye damage

SUBSTANCE NOTES: When a fire retardant is required for this product it is finished with a oil based top coat. For more information please consult the

**FORMALDEHYDE (FORMALDEHYDE)**

ID: 50-00-0

#: **0.0100 - 0.1000**      GS: **LT-1**      RC: **None**      NANO: **No**      ROLE: **This product is a component top coat.**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R23 - Toxic by Inhalation (gas, vapour, dust/mist)
MAMMALIAN	EU - R-phrases	R24 - Toxic in Contact with Skin
MAMMALIAN	EU - R-phrases	R25 - Toxic if Swallowed
SKIN IRRITATION	EU - R-phrases	R34 - Causes burns
CANCER	EU - R-phrases	R40 - Limited Evidence of Carcinogenic Effects
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CANCER	US EPA - IRIS Carcinogens	(1986) Group B1 - Probable human Carcinogen
CANCER	IARC	Group 1 - Agent is 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
MAMMALIAN	EU - GHS (H-Statements)	H301 - Toxic if swallowed
MAMMALIAN	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
GENE MUTATION	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
CANCER	Korea - GHS	Carcinogenicity - Category 1 [H350 - May cause cancer]
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

CANCER

Japan - GHS

Carcinogenicity - Category 1A

CANCER

Australia - GHS

H350i - May cause cancer by inhalation

SUBSTANCE NOTES: When a fire retardant is required for this product it is finished with a oil based top coat. For more information please consult the manufacturers website: Sher-Wood 9420s LV Precatalysed Topcat 20 Gloss T77F90023.

## 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.*

### SUSTAINABLE FORESTRY

### FSC Certification - Recycled

CERTIFYING PARTY: Third Party

ISSUE DATE: 2015-01-

EXPIRY DATE: 2019-

CERTIFIER OR LAB: FSC

APPLICABLE FACILITIES: All

01

12-31

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: FSC-C0041262

## 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

Reclaimed Douglas Fir Janka hardness scale - 660 lbf Textured face, tongue and groove sides with beveled edges. 25% of boards retaining skip sawn face. Standard reclaimed marks may be apparent. Voids allowed up to 1/8" and are not filled. Reclaimed material free from paint.

## Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: **Windfall Lumber**

ADDRESS: **711 Tumwater Blvd. Ste D**

**Tumwater Washington 98501, United States**

CONTACT NAME: **Jon Engleman**

TITLE: **Project Engineer**

PHONE: **360-352-2250**



**KEY**

<b>OSHA MSDS</b>	Occupational Safety and Health Administration Material Safety Data Sheet
<b>GHS SDS</b>	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**

<b>PreC</b> Preconsumer (Post-Industrial)
<b>PostC</b> Postconsumer
<b>Both</b> Both Preconsumer and Postconsumer
<b>Unk</b> Inclusion of recycled content is unknown
<b>None</b> 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.