# 2800 True Access Linear (solid) by 9Wood

**Health Product Declaration v2.3** 

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 633990927360

CLASSIFICATION: 09 54 26 Suspended Wood Ceilings

PRODUCT DESCRIPTION: The 2800 True Access Linear combines a panelized linear design with the function of a fully accessible system. Every panel is accessible across the span of the surface without the use of tools or fasteners. Alignment is maintained after every return with clips gliding wood linear panels back into place. This means your ceiling won't get bent out of shape over time and throughways remain unnoticed to occupants.

## Section 1: Summary

### **Nested Method / Product Threshold**

#### **CONTENT INVENTORY**

**Inventory Reporting Format** 

Nested Materials Method

C Basic Method

Threshold Disclosed Per

Material

Product

**Threshold Level** 

C 100 ppm

C Per GHS SDS

C Other

Residuals/Impurities Evaluation

Completed in 6 of 6 Materials

Explanation(s) provided for Residuals/Impurities?

For all contents above the threshold, the manufacturer has:

Characterized ⊙ Yes ○ No

Provided weight and role.

 Yes ○ No Screened

Provided screening results using HPDC-approved methods.

Identified ○ Yes ⊙ No

Provided name and CAS RN or other identifier.

#### **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.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR **IMPURITY** 

**GREENSCREEN SCORE | HAZARD TYPE** 

GRILLE MEMBER - SOLID [ LUMBER, KILN DRIED AND SHAPED ] PLYWOOD BACKER [ VENEER WATER BM-4 UNDISCLOSED LT-UNK | ] TRUE ACCESS HARDWARE [ ASTM A653 CS TYPE B CARBON OR STEEL ALLOY NoGS UNS G10500 CARBON OR STEEL ALLOY NoGS FIRE TREATMENT [ WATER BM-4 UNDISCLOSED NOGS GUANIDINE, CYANO- LT-UNK] INTERIOR CLEAR MATTE FINISH [ UNDISCLOSED NoGS CELLULOSE, NITRATE LT-UNK | PHY 1,3,5-TRIAZINE-2,4,6-TRIAMINE, POLYMER WITH FORMALDEHYDE, METHYLATED LT-UNK UREA, POLYMER WITH FORMALDEHYDE LT-P1 | SKI ] STANDARD BLACK FINISH [ UNDISCLOSED NoGS CELLULOSE, NITRATE LT-UNK PHY UREA FORMALDEHYDE LT-P1 | SKI 1,3,5-TRIAZINE-2,4,6-TRIAMINE, POLYMER WITH FORMALDEHYDE, METHYLATED LT-UNK CARBON BLACK BM-1 \* | CAN | EYE | MAM | PHY ]

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1

Nanomaterial ... No

#### **INVENTORY AND SCREENING NOTES:**

Special Conditions applied: [BiologicalMaterial]

Inventory represents standard product design without stain. Disclosures were obtained from manufacturers, some ingredient names and CAS numbers were asked to be withheld as proprietary information.

\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

#### **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: CDPH Standard Method - Not tested

#### **CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Option 1. Pre-checked for LEED v4.1 Option 1.

Third Party Verified?

Yes No

PREPARER: Self-Prepared

VERIFIER: **VERIFICATION #:**  SCREENING DATE: 2024-10-09 PUBLISHED DATE: 2024-10-09 EXPIRY DATE: 2027-10-09

# 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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

#### GRILLE MEMBER - SOLID %: 29.9500 - 73.2200

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Wood or Lumber

RESIDUALS AND IMPURITIES NOTES: Review was conducted using best practices flow chart and no additional residuals or impurities were added

OTHER MATERIAL NOTES: Weight range depends on configuration, varying sizes creating a wide ratio between grille member and plywood backer and their constituent components.

#### LUMBER, KILN DRIED AND SHAPED

**ID: Biological Material** 

HAZARD DATA SOURCE: HPDC Special Conditions Policy

%: 100.0000 GreenScreen: Not Required RC: None NANO: No MATERIAL ROLE: Structure component

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

Hazard Screening is not applicable to this Special Condition

BIOLOGICAL MATERIALS CATEGORY: Tree-based materials

INGREDIENT DESCRIPTION: Various, primarily Western Hemlock and US hardwood species

MATERIAL CONTENT NOTES: 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.

#### PLYWOOD BACKER %: 12.8000 - 36.2200

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Wood or Lumber

RESIDUALS AND IMPURITIES NOTES: Review was conducted using best practices flow chart and no additional residuals or impurities were added

OTHER MATERIAL NOTES: NAF softwood plywood with Birch face. Weight range depends on configuration, varying sizes creating a wide ratio between grille member and plywood backer and their constituent components.

VENEER ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy

%: 96.0000 GreenScreen: Not Required RC: None NANO: No MATERIAL ROLE: Structure component

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

Hazard Screening is not applicable to this Special Condition

BIOLOGICAL MATERIALS CATEGORY: Tree-based materials

INGREDIENT DESCRIPTION: Douglas-Fir core layers with Birch face

MATERIAL CONTENT NOTES: 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.

WATER ID: 7732-18-5

HAZARD DATA SOURCE:	Pharos Chemical and Materials Lik	orary	HAZARD S	SCREENING DATE: 2024-10-09 15:50:00
%: 2.0000 - 2.0000	GreenScreen: BM-4	RC: None	NANO: Unknown	SUBSTANCE ROLE: Solvent
HAZARD TYPE	LIST NAME AND SOURCE	CE	WARNINGS	
None found			No wa	rnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	DE	NOTIFICATION	
EXEMPT	European Union / Europe EC)	an Commission (EU	EU - REACH Exemp	tions
	20)		Exempted from REA	CH Annex IV listing due to intrinsic safety
SUBSTANCE NOTES:				

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: T	oxnot Chemical Hazard Screening Library		HAZAR	D SCREENING DATE: 2024-10-08 15:02:58
%: 1.6000 - 1.6000	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
	EC - CEPA DSL		Persistence	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found				No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Proprietary, manufacturer requested not to disclose name or CAS.

TRUE ACCESS HARDWARE

%: 10.5800 - 29.9200

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Review was conducted using best practices flow chart and no additional residuals or impurities were added

OTHER MATERIAL NOTES: Spring, clips and guides for True Access system

### **ASTM A653 CS TYPE B CARBON OR STEEL ALLOY**

ID: 12597-69-2

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	/	HAZ	ARD SCREENING DATE: 2024-10-09 15:50:00
%: 89.0000	GreenScreen: NoGS	RC: None	NANO: <b>No</b>	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			1	No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	N .
None found				No listings found on Additional Hazard Lists

#### **UNS G10500 CARBON OR STEEL ALLOY**

ID: Not registered

HAZARD DATA SOURCE	Pharos Chemical and Materials Library	′	HAZ	ARD SCREENING DATE: 2024-10-09 15:50:0
%: <b>11.0000</b>	GreenScreen: NoGS	RC: None	NANO: <b>No</b>	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			1	No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	N
None found				No listings found on Additional Hazard Lists

FIRE TREATMENT

%: 1.3100 - 2.7800

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Review was conducted using best practices flow chart and no additional residuals or impurities were added

OTHER MATERIAL NOTES: This disclosure represents the liquid formulation.

WATER ID: 7732-18-5

HAZARD DATA SOURCE: F	Pharos Chemical and Materials Libr	ary	HAZARD SO	OREENING DATE: 2024-10-09 15:50:03
%: 85.0000 - 85.0000	GreenScreen: BM-4	RC: None	NANO: Unknown	SUBSTANCE ROLE: Solvent
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warr	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	:	NOTIFICATION	
EXEMPT	European Union / Europear EC)	Commission (EU	EU - REACH Exempt	ions
	LO)		Exempted from REAG safety	CH Annex IV listing due to intrinsic
SUBSTANCE NOTES:				

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library		HAZARD S	CREENING DATE: 2024-10-08 15:03:06
%: 4.5000 - 4.5000	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Flame retardant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No war	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists

SUBSTANCE NOTES: Proprietary, manufacturer requested not to disclose name or CAS. Manufacturer provided laboratory testing.

**GUANIDINE, CYANO-**ID: 461-58-5 HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-09 15:50:02 RC: None %: 4.0000 - 4.0000 GreenScreen: LT-UNK NANO: Unknown SUBSTANCE ROLE: Flame retardant HAZARD TYPE LIST NAME AND SOURCE **WARNINGS** No warnings found on HPD Priority Hazard Lists None found ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION None found No listings found on Additional Hazard Lists SUBSTANCE NOTES:

INTERIOR CLEAR MATTE FINISH %: 1.1200 - 2.3800

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Polymeric Material

OTHER MATERIAL NOTES: Manufacturer provided theoretical dry film formula.

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: 10	xnot Chemical Hazard Screening Libra	ry	HAZARD SCI	REENING DATE: 2024-10-08 15:03:10
%: 60.8600 - 60.8600	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Film former
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnii	ngs found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No li	stings found on Additional Hazard Lists

CELLULOSE, NITRATE				ID: <b>9004-70-0</b>
HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	у	HAZARD S	SCREENING DATE: 2024-10-09 15:50:04
%: 24.4200 - 24.4200	GreenScreen: LT-UNK	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Film former
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
PHY	GHS - Japan		H201 - Explosive; m Division 1.1]	nass explosive hazard [Explosives -
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	o listings found on Additional Hazard Lists

1,3,5-TRIAZINE-2,4,6-TR FORMALDEHYDE, METH	IAMINE, POLYMER WITH HYLATED			ID: <b>68002-20-</b>	)
HAZARD DATA SOURCE	Pharos Chemical and Materials Lil	brary	HAZARD S	SCREENING DATE: 2024-10-09 15:50:0	<u> </u>
%: 5.0200 - 5.0200	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Film former	
HAZARD TYPE	LIST NAME AND SOURCE	CE	WARNINGS		
None found			No wai	rnings found on HPD Priority Hazard Lists	

SUBSTANCE NOTES:

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2024
		Red List substances to avoid in Living Building Challenge V4.0 projects

# **UREA, POLYMER WITH FORMALDEHYDE**

SUBSTANCE NOTES:

ID: 9011-05-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-09 15:50:0	
%: 5.0200 - 5.0200	GreenScreen: LT-P1	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Film former
HAZARD TYPE	LIST NAME AND SOURC	E	WARNINGS	
SKI	GHS - New Zealand		Skin sensitisation ca	ategory 1
ADDITIONAL LISTINGS	LIST NAME AND SOURC	CE C	NOTIFICATION	
RESTRICTED LIST	Perkins+Will (P+W)		P&W - Precautionar	y List
			Precautionary list of	substances recommended for avoidance
RESTRICTED LIST	International Living Future	Institute (ILFI)	Living Building Chal Chemicals - Effectiv	lenge 4.0 - Red List of Materials & re April 1, 2024
			Red List substances V4.0 projects	s to avoid in Living Building Challenge
SUBSTANCE NOTES:				

### STANDARD BLACK FINISH

%: 0.3800 - 1.0700

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Review was conducted using best practices flow chart and no additional residuals or impurities were added

 $\label{thm:continuous} \mbox{OTHER MATERIAL NOTES: } \mbox{Manufacturer provided theoretical dry film formula.}$ 

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-10-08 15:03:17		
%: 58.1600 - 58.1600	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Film former	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warni	ngs found on HPD Priority Hazard Lists	

ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION

None found No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Proprietary, manufacturer requested not to disclose name or CAS.

CELLULOSE, NITRATE ID: 9004-70-0

HAZARD DATA SOURCE: P	haros Chemical and Materials Library		HAZARD S	SCREENING DATE: 2024-10-09 15:50:06
%: 21.6600 - 21.6600	GreenScreen: LT-UNK	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Film former
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
PHY	GHS - Japan		H201 - Explosive; m Division 1.1]	nass explosive hazard [Explosives -
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	o listings found on Additional Hazard Lists
None found  SUBSTANCE NOTES:			No	o listings found on Additional Hazard Li

UREA FORMALDEHYDE ID: 9011-05-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-09 15:51:30	
%: <b>4.4600</b> Green	Screen: LT-P1 RC: I	None	NANO: <b>No</b>	SUBSTANCE ROLE: Film former
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - New Zealand	Skin sensitisation category 1		n category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Perkins+Will (P+W)		P&W - Precautio	nary List
			Precautionary lis	t of substances recommended for avoidance
RESTRICTED LIST	International Living Future Institute (ILF	FI)		challenge 4.0 - Red List of Materials & ctive April 1, 2024
			Red List substant V4.0 projects	ices to avoid in Living Building Challenge
SUBSTANCE NOTES:				

# 1,3,5-TRIAZINE-2,4,6-TRIAMINE, POLYMER WITH FORMALDEHYDE, METHYLATED

ID: **68002-20-0** 

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARI	D SCREENING DATE: 2024-10-09 15:50:42
%: 4.4500	GreenScreen: LT-UNK	RC: None	NANO: <b>No</b>	SUBSTANCE ROLE: Film former

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS	
None found		No warnings found on HPD Priority Hazard List	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2024	
		Red List substances to avoid in Living Building Challenge V4.0 projects	
SUBSTANCE NOTES:			

CARBON BLACK ID: 1333-86-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-09 15:51:13		
%: 3.8900	GreenScreen: BM-1	RC: None	NANO: <b>No</b>	SUBSTANCE ROLE: Pigment	
HAZARD TYPE	LIST NAME AND SC	DURCE	WARNINGS		
CAN	CAN US CDC - Occupational Carcinogens		Occupational Carcinogen**		
CAN MAK			Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**		
CAN CA EPA - Prop 65		Carcinogen - spe	Carcinogen - specific to chemical form or exposure route**		
CAN IARC		Group 2b - Possibly carcinogenic to humans**			
EYE	GHS - New Zealand	GHS - New Zealand		Eye irritation category 2**	
CAN	GHS - New Zealand	GHS - New Zealand		Carcinogenicity category 2**	
CAN	CAN GHS - Japan		H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**		
MAM GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]**			
PHY	GHS - Japan		H251 - Self-heating and mixtures - Ca	ng;; may catch fire [Self-heating substances ategory 1]**	
ADDITIONAL LISTINGS	LIST NAME AND SC	DURCE	NOTIFICATION		
None found				No listings found on Additional Hazard Lists	

SUBSTANCE NOTES: \*\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

# 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**

#### **CDPH Standard Method - Not tested**

CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: Springfield, OR ISSUE DATE: 2024-10-09 00:00:00 **EXPIRY DATE:** 

CERTIFIER OR LAB: None

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

Information and documentation is provided in good faith, based on the products as currently formulated, and relies upon information provided to us by our raw material suppliers. While 9Wood uses reasonable efforts to provide accurate and up-to-date information, some of the information provided is gathered by third parties and has not been independently verified. 9Wood expresses no opinion and makes no representations as to the validity, applicability, suitability, accuracy, or completeness of the documentation.

#### MANUFACTURER INFORMATION

MANUFACTURER: 9Wood ADDRESS: 999 S. A Street Springfield, Oregon 97477

COUNTRY: United States

WEBSITE: 9wood.com

CONTACT NAME: Louis Leatherman TITLE: Sustainability Manager

PHONE: 971-369-4949

EMAIL: Ileatherman@9wood.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

**Hazard Types** 

**AQU** Aquatic toxicity

**CAN** Cancer

**DEV** Developmental toxicity **END** Endocrine activity **EYE** Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

**LAN** Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple
NEU Neurotoxicity

NF Not found on Priority Hazard Lists

**OZO** Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

**REP** Reproductive

**RES** Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

**UNK** Unknown

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

**BM-2** Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern)

**BM-U** Benchmark Unspecified (due to insufficient data)

LT-P1 List Translator Possible 1 (Possible Benchmark-1)

**LT-1** List Translator 1 (Likely Benchmark-1)

LT-UNK List Translator Benchmark Unknown

NoGS No GreenScreen.

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

**Recycled Types** 

PreC Pre-consumer recycled content

PostC Post-consumer recycled content

**UNK** Inclusion of recycled content is unknown

None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

**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.