

CLASSIFICATION: 09 65 16.23 VINYL SHEET FLOORING

PRODUCT DESCRIPTION: TEKNOFLOR® Moonscapes & Mountainscapes collections have been staples of the Teknoflor® brand for years and have the history, reputation and stamina to prove it. Moonscapes offers a non-directional “lunar” look in subtle colors that are easy to mix and match with existing interiors and flooring options while Mountainscapes offers a classic linoleum look that pays homage to its retro inspiration and traditional versatility. Both products have served as dependable wood-accent during the Teknoflor® brand’s tenure and continue to be client-favorites in a modern industry.

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

Are All Substances Above the Threshold Indicated:

Characterized Yes No

Percent Weight and Role Provided?

Screened Yes No

Using Priority Hazard Lists with Results Disclosed?

Identified Yes No

Name and Identifier Provided?

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

TEKNOFLOR® MOONSCAPES / MOUNTAINSCAPES [POLYVINYL CHLORIDE (PVC) **LT-P1** | RES CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE **LT-UNK** POLYVINYL CHLORIDE (PVC) **LT-P1** | RES LIMESTONE; CALCIUM CARBONATE **LT-UNK** POLYVINYL CHLORIDE (PVC) **LT-P1** | RES 2-(ACRYLOYLOXY)ETHANOL **LT-P1** | AQU | MAM | SKI | MUL LIMESTONE; CALCIUM CARBONATE **LT-UNK** BIS(2-ETHYLHEXYL) TEREPHTHALATE **BM-3** CELLULOSE PULP **NoGS** BIS(2-ETHYLHEXYL) TEREPHTHALATE **BM-3** 1,2(OR 3)-PROPANEDIOL, 1-ACRYLATE **LT-UNK** | MAM | SKI PENTAERYTHRITOL TRIACRYLATE **LT-UNK** | SKI | EYE CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE **LT-UNK** BIS(2-ETHYLHEXYL) TEREPHTHALATE **BM-3** 1,2,3-PROPANETRICARBOXYLIC ACID, 2-(ACETILOXY)-, TRIBUTYL ESTER **LT-P1** | MUL DIPROPYLENE GLYCOL DIACRYLATE **LT-UNK** 1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL- **LT-UNK** 1,3-BENZENEDICARBOXYLIC ACID, POLYMER WITH (2E)-2-BUTENEDIOIC ACID, 1,2-ETHANEDIOL AND 2,2'-OXYBIS(ETHANOL) **NoGS** UNKNOWN Not Screened BA-ZN CLASS ORGANIC COMPOUND Not Screened HYDRODESULFURIZED KEROSENE **LT-UNK** | MAM HYDRODESULFURIZED KEROSENE **LT-UNK** | MAM ANOX 20 **LT-UNK** UNKNOWN Not Screened UNKNOWN Not Screened BARIUM CARBOXYLATE Not Screened BARIUM 4,5-DIHYDRO-5-OXO-1-(4-SULPHONATOPHENYL)-4-((4-SULPHONATOPHENYL)AZO)-1H-PYRAZOLE-3-CARBOXYLATE (3:2) **NoGS** DISTILLATE FUEL OILS, LIGHT **BM-2** | MAM | CAN ZINC, C6-19-BRANCHED CARBOXYLATE NAPHTHENATE COMPLEXES **LT-UNK** ZINC, C6-19-BRANCHED CARBOXYLATE NAPHTHENATE COMPLEXES **LT-UNK** 1,1'-AZOBIS(FORMAMIDE) **LT-UNK** | RES 2-OCTYL-3(2H)-ISOTHIAZOLONE Not Screened ZINC OXIDE **BM-1** | RES | AQU | MUL]

Number of Greenscreen BM-4/BM3 contents ... 3

Contents highest concern GreenScreen Benchmark or List translator Score ... **BM-1**
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This HPD was created with Basic Inventory.

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: RFCI FloorScore

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: **Self-Prepared**

VERIFIER:

VERIFICATION #:

SCREENING DATE: **2018-10-16**

PUBLISHED DATE: **2018-10-16**

EXPIRY DATE: **2021-10-16**



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

TEKNOFLOR® MOONSCAPES / MOUNTAINSCAPES

PRODUCT THRESHOLD: Per GHS SDS

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: While Teknoflor® does not meet the qualifications for "Residuals & Impurities - Considered" per HPDC's Emerging Best Practices, we have 1) disclosed all known, intentionally-added ingredients; 2) meets VOC Emissions/Indoor Air Quality requirements per FloorScore / California Section 01350.

OTHER PRODUCT NOTES:

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

#: 76.2000 - 77.0000 GS: LT-P1 RC: Both NANO: No ROLE: Wear Layer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: N/A

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: 65997-17-3

#: 74.3000 - 75.0000 GS: LT-UNK RC: Both NANO: No ROLE: Fiberglass Layer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: n/a

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

#: 44.6000 - 45.0000 GS: LT-P1 RC: Both NANO: No ROLE: Print Film Layer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: N/A

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

#: **40.1000 - 40.5000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **PVC Mid-Bottom Layer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: n/a

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

#: **34.7000 - 35.0000** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **PVC Mid-Bottom Layer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: n/a

2-(ACRYLOYLOXY)ETHANOL

ID: 818-61-1

#: **32.7000 - 33.0000** GS: **LT-P1** RC: **Both** NANO: **No** ROLE: **UV Coating Layer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ACUTE AQUATIC

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life

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

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES:

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

#: **25.7000 - 26.0000** GS: **LT-UNK** RC: **Both** NANO: **No** ROLE: **Print Film Layer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: n/a

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

%: 23.8000 - 24.0000	GS: BM-3	RC: Both	NANO: No	ROLE: Print Film layer
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: n/a

CELLULOSE PULP

ID: 65996-61-4

%: 19.8000 - 20.0000	GS: NoGS	RC: Both	NANO: No	ROLE: Fiberglass Layer
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: n/a

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

%: 19.8000 - 20.0000	GS: BM-3	RC: UNK	NANO: No	ROLE: PVC Mid-Bottom Layer
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: n/a

1,2(OR 3)-PROPANEDIOL,1-ACRYLATE

ID: 25584-83-2

%: Impurity/Residual	GS: LT-UNK	RC: Both	NANO: No	ROLE: Impurity/Residual
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

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

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: N/A

PENTAERYTHRITOL TRIACRYLATE

ID: 3524-68-3

%: **16.8000 - 17.0000** GS: **LT-UNK** RC: **Both** NANO: **No** ROLE: **UV Coating Layer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: **N/A**

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: **65997-17-3**

%: **12.9000 - 13.0000** GS: **LT-UNK** RC: **Both** NANO: **No** ROLE: **UV Coating Layer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: **N/A**

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: **6422-86-2**

%: **9.9000 - 10.0000** GS: **BM-3** RC: **Both** NANO: **No** ROLE: **Wear Layer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: **n/a**

1,2,3-PROPANETRICARBOXYLIC ACID, 2-(ACETYLOXY)-, TRIBUTYL ESTER

ID: **77-90-7**

%: **8.9000 - 9.0000** GS: **LT-P1** RC: **Both** NANO: **No** ROLE: **Wear Layer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES: **n/a**

DIPROPYLENE GLYCOL DIACRYLATE

ID: **57472-68-1**

%: **5.9000 - 6.0000** GS: **LT-UNK** RC: **Both** NANO: **No** ROLE: **UV Coating Layer**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: N/A

1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL-

ID: 7473-98-5

#: 5.9000 - 6.0000 GS: LT-UNK RC: Both NANO: No ROLE: UV Coating Layer

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: N/A

1,3-BENZENEDICARBOXYLIC ACID, POLYMER WITH (2E)-2-BUTENEDIOIC ACID, 1,2-ETHANEDIOL AND 2,2'-OXYBIS(ETHANOL)

ID: 28133-55-3

#: 5.9000 - 6.0000 GS: NoGS RC: Both NANO: No ROLE: UV Coating Layer

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: N/A

UNKNOWN

ID: Unknown

#: 5.0000 - 5.0000 GS: Not Screened RC: UNK NANO: No ROLE: Fiberglass Layer

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance was undisclosed by the manufacturer. Therefore, no CAS RN # was provided.

BA-ZN CLASS ORGANIC COMPOUND

ID: Not Registered

#: 3.0000 - 3.0000 GS: Not Screened RC: Both NANO: No ROLE: Wear Layer

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: No CAS RN# was provided for this substance.

HYDRODESULFURIZED KEROSENE

ID: 64742-81-0

#: 2.7000 - 2.7000 GS: LT-UNK RC: UNK NANO: No ROLE: PVC Mid-Bottom Layer

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - GHS (H-Statements)	H304 - May be fatal if swallowed and enters airways

SUBSTANCE NOTES: n/a

HYDRODESULFURIZED KEROSENE

ID: 64742-81-0

#: 2.0000 - 2.0000 GS: LT-UNK RC: Both NANO: No ROLE: Print Film Layer

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - GHS (H-Statements)	H304 - May be fatal if swallowed and enters airways

SUBSTANCE NOTES: n/a

ANOX 20

ID: 6683-19-8

#: 2.0000 - 2.0000 GS: LT-UNK RC: Both NANO: No ROLE: Print Film Layer

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

SUBSTANCE NOTES: n/a

UNKNOWN

ID: Unknown

#: 1.0000 - 1.0000 GS: Not Screened RC: Both NANO: No ROLE: Wear Layer

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

SUBSTANCE NOTES: Explanation of substance name and identifier are unknown and not provided by manufacturer.

UNKNOWN

ID: Unknown

#: 0.8000 - 0.8000 GS: Not Screened RC: UNK NANO: No ROLE: UV Coating Layer

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

SUBSTANCE NOTES: Explanation of Substance name and identifier are "Undisclosed" or "Unknown".

BARIUM CARBOXYLATE

ID: Unknown

#: 0.6000 - 0.6000

GS: Not Screened

RC: Both

NANO: No

ROLE: Print Film Layer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No CAS RN # was provided for this substance.

BARIUM 4,5-DIHYDRO-5-OXO-1-(4-SULPHONATOPHENYL)-4-((4-SULPHONATOPHENYL)AZO)-1H-PYRAZOLE-3-CARBOXYLATE (3:2)

ID: 84681-80-1

#: 0.6000 - 0.6000

GS: NoGS

RC: UNK

NANO: No

ROLE: PVC Mid-Bottom Layer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: n/a

DISTILLATE FUEL OILS, LIGHT

ID: 64742-47-8

#: 0.5000 - 0.5000

GS: BM-2

RC: UNK

NANO: No

ROLE: PVC Mid-Bottom Layer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - GHS (H-Statements)

H304 - May be fatal if swallowed and enters airways

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: n/a

ZINC, C6-19-BRANCHED CARBOXYLATE NAPHTHENATE COMPLEXES

ID: 68611-72-3

#: 0.4000 - 0.4000

GS: LT-UNK

RC: Both

NANO: No

ROLE: Print Film Layer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: n/a

ZINC, C6-19-BRANCHED CARBOXYLATE NAPHTHENATE COMPLEXES

ID: 68611-72-3

#: 0.4000 - 0.4000

GS: LT-UNK

RC: UNK

NANO: No

ROLE: PVC Mid-Bottom Layer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: n/a

1,1'-AZOBIS(FORMAMIDE)

ID: 123-77-3

#: 0.2000 - 0.2000 GS: LT-UNK RC: UNK NANO: No ROLE: PVC Mid-Bottom Layer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

RESPIRATORY

EU - GHS (H-Statements)

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

SUBSTANCE NOTES: n/a

2-OCTYL-3(2H)-ISOTHIAZOLONE

ID: Not Registered

#: 0.2000 - 0.2000 GS: Not Screened RC: Both NANO: No ROLE: UV Coating Layer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: N/A

ZINC OXIDE

ID: 1314-13-2

#: 0.1000 - 0.1000 GS: BM-1 RC: UNK NANO: No ROLE: PVC Mid-Bottom Layer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

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

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: n/a

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

RFCI FloorScore

CERTIFYING PARTY: **Third Party**

ISSUE DATE:

EXPIRY DATE:

CERTIFIER OR LAB:

APPLICABLE FACILITIES: **All**

2017-11-30

SCS Global

CERTIFICATE URL:

https://www.scscertified.com/products/cert_pdfs/Shannon_2017_SCS-FS-04567_s7.pdf

CERTIFICATION AND COMPLIANCE NOTES: **SCS-FS-04567**

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

Moonscapes and Mountainscapes are not virgin vinyl products. While these products may not qualify as a healthy product under HPDC standards, we have made every effort to be transparent in disclosing the ingredients that make up the product.



MANUFACTURER INFORMATION

MANUFACTURER: **Shannon Specialty Floors, Inc.**

ADDRESS: **1005 S. 60th Street**

Milwaukee WI 53214, USA

WEBSITE: **www.shannonspecialtyfloors.com**

CONTACT NAME: **Tim Davis**

TITLE: **Technical Services and Sustainability Manager**

PHONE: **800-522-9166**

EMAIL: **timd@shannonspecialtyfloors.com**

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet

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

Hazard Types

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

MAM Mammalian/systemic/organ toxicity

MUL Multiple hazards

NEU Neurotoxicity

OZO Ozone depletion

PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)

REP Reproductive toxicity

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

LAN Land Toxicity

NF Not found on Priority Hazard Lists

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 (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1

LT-1 List Translator Likely Benchmark 1

LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

NoGS Unknown (no data on List Translator Lists)

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.