

CLASSIFICATION: 09 65 19

PRODUCT DESCRIPTION: Engage Genesis™ 2000 collections have a robust, 8.5mm gauge that consists of three primary layers: 2.0mm LVT top layer that matches the look of natural textures, while providing durability & comfort; 5.0mm ISOCORE Technology™ - extruded, closed-cell, vinyl structural core that's 100% waterproof, rigid, strong, and dimensionally stable; and a pre-attached 1.5mm underlayment that minimizes sound, provides warmth & comfort underfoot, and helps conceal minor subfloor imperfections. Genesis 2000 collections feature FX3 Surface Protectant, an advanced finish that provides the ultimate in abrasion resistance & stain repellency, and also inhibits the growth of odor and stain-causing mold & mildew. Genesis 2000 collections come with a lifetime residential / 15-year commercial limited warranty.

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.

Screened Yes Ex/SC Yes No
All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No
All substances disclosed by Name (Specific or Generic) and 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.

[MATERIAL](#) | [SUBSTANCE](#) | [RESIDUAL OR IMPURITY](#)

[GREENSCREEN SCORE](#) | HAZARD TYPE

ENGAGE GENESIS 2000 (NARROW), 2000MW, 2000T, 2000BW, 2000CV - MULTILAYER MODULAR FLOORING [CALCIUM CARBONATE BM-3 POLYVINYL CHLORIDE (PVC) LT-P1 | RES BIS(2-ETHYLHEXYL) TEREPHTHALATE (DOTP) BM-3 METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE LT-UNK POLYETHYLENE LT-UNK RUTILE TITANIUM DIOXIDE LT-1 | CAN CALCIUM STEARATE LT-UNK ZINC STEARATE LT-P1 IRON OXIDE LT-UNK POLYURETHANE FOAMS LT-UNK BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-BUTADIENE (THERMOPLASTIC RUBBER) LT-UNK PETROLEUM RESINS (HYDROCARBON RESINS) LT-1 | CAN SODIUM BICARBONATE LT-P1 | END CARBON BLACK LT-1 | CAN 1,6-HEXANEDIOL DIACRYLATE LT-P1 | SKI | EYE | MUL 1-BUTENE, HOMOPOLYMER (POLYBUTENE) LT-UNK HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL) LT-1 | CAN | MUL LANTHANUM(3+) STEARATE NoGS TRIMETHYLOLPROPANE TRIACRYLATE (TMPTA) LT-P1 | RES | CAN | SKI | EYE FUMED SILICA, CRYSTALLINE-FREE (SILICON DIOXIDE POWDER) LT-P1 | CAN DISILOXANE, 1,3-DIETHENYL-1,1,3,3-TETRAMETHYL- (DIVINYLTETRAMETHYLDISILOXANE) LT-UNK DIAMOND (DIAMOND POWDER) LT-UNK RED 221 (C.I.PIGMENT RED 221) LT-UNK VINYL CHLORIDE-VINYL ACETATE COPOLYMERS LT-UNK HYDROXYCYCLOHEXYL PHENYL KETONE LT-UNK]

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:

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

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2019-06-07

PUBLISHED DATE: 2019-06-07

EXPIRY DATE: 2022-06-07

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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

ENGAGE GENESIS 2000 (NARROW), 2000MW, 2000T, 2000BW, 2000CV - MULTILAYER MODULAR FLOORING

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED:
No

RESIDUALS AND IMPURITIES NOTES: While Engage Genesis™ 2000 collections do not meet the qualifications for "Residuals & Impurities - Considered" per HPDC's Emerging Best Practices, we have: 1) disclosed all known, intentionally-added ingredients; 2) tested these products to ensure they are free of red list heavy metals, phthalate-free, formaldehyde-free, comply with REACH SVHC, and meet VOC emissions/indoor air quality requirements per FloorScore® / California Section 01350

OTHER PRODUCT NOTES: All known, intentionally-added ingredients of these products are disclosed in this HPD.

CALCIUM CARBONATE

ID: 471-34-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-06-07

%: 48.11 - 50.20

GS: BM-3

RC: None

NANO: No

ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-06-07

%: 38.61 - 40.70

GS: LT-P1

RC: None

NANO: No

ROLE: Polymer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

BIS(2-ETHYLHEXYL) TEREPHTHALATE (DOTP)

ID: 6422-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-06-07

%: 2.88 - 3.18

GS: BM-3

RC: None

NANO: No

ROLE: Plasticizer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Also known as Dioctyl terephthalate, or DOTP, this plasticizer has undergone a full toxicological screening through GreenScreen and achieved a Benchmark (BM) 3 out of a possible 4, whereas phthalate plasticizers typically achieve a Benchmark 1.

METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE

ID: 25852-37-3

%: 2.04 - 2.23	GS: LT-UNK	RC: None	NANO: No	ROLE: Modifier
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

POLYETHYLENEID: **9002-88-4**

%: 1.36 - 1.36	GS: LT-UNK	RC: None	NANO: No	ROLE: Polymer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

RUTILE TITANIUM DIOXIDEID: **1317-80-2**

%: 0.86 - 0.87	GS: LT-1	RC: None	NANO: No	ROLE: Pigment
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 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value		
SUBSTANCE NOTES: (Rutile) titanium dioxide is an odorless, white powder and considered a carcinogen (in its unbound state). This substance, as used in these products, is bound within the products and is unable to be inhaled or ingested through normal product use. Thus, the hazards usually associated with this substance are not applicable to these products.				

CALCIUM STEARATEID: **1592-23-0**

%: 0.81 - 0.84	GS: LT-UNK	RC: None	NANO: No	ROLE: Stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

ZINC STEARATEID: **557-05-1**

%: 0.81 - 0.84	GS: LT-P1	RC: None	NANO: No	ROLE: Stabilizer
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:		

IRON OXIDE

ID: 1332-37-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-06-07		
%: 0.55 - 0.56	GS: LT-UNK	RC: None	NANO: No	ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

POLYURETHANE FOAMS

ID: 9009-54-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-06-07		
%: 0.50 - 0.54	GS: LT-UNK	RC: None	NANO: No	ROLE: Polymer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-BUTADIENE (THERMOPLASTIC RUBBER)

ID: 25038-32-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-06-07		
%: 0.28 - 0.28	GS: LT-UNK	RC: None	NANO: No	ROLE: Adhesive Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

PETROLEUM RESINS (HYDROCARBON RESINS)

ID: 64742-16-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-06-07		
%: 0.10 - 0.10	GS: LT-1	RC: None	NANO: No	ROLE: Adhesive Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	CA EPA - Prop 65	Carcinogen		
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen		
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources		
SUBSTANCE NOTES:				

Also known as hydrocarbon resins, petroleum resins are considered carcinogenic when ingested in their natural state, or when they are boiled and their fumes are inhaled. This substance, as used in these products, is bound within the products and is unable to be inhaled or ingested through normal product use. Thus, the hazards usually associated with this substance are not applicable to these products.

SODIUM BICARBONATE

ID: 144-55-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-06-07**%: **0.06 - 0.11**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Foaming Agent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: Sodium bicarbonate is an odorless, white, crystalline powder and is considered a potential endocrine disruptor (in its unbound state). This substance, as used in these products, is bound within the products and is unable to be inhaled or ingested through normal product use. Thus, the potential hazards usually associated with this substance are not applicable to these products.

CARBON BLACKID: **1333-86-4**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-06-07**%: **0.05 - 0.05**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Pigment**

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: Carbon black (as airborne, unbound particles) is considered a carcinogen. This substance, as used in these products, is bound within the products and is unable to be inhaled or ingested through normal product use. Thus, the hazards usually associated with this substance are not applicable to these products.

1,6-HEXANEDIOL DIACRYLATEID: **13048-33-4**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-06-07**%: **0.03 - 0.03**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **UV Acrylic Layer**

HAZARD TYPE

AGENCY AND LIST TITLES

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

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: 1,6-hexanediol diacrylate (as a liquid) is considered a skin and eye irritant. This substance, as used in these products, is bound within the products and does not come into contact with the skin or eyes through normal product use. Thus, the hazards usually associated with this substance are not applicable to these products.

1-BUTENE, HOMOPOLYMER (POLYBUTENE)ID: **9003-28-5**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-06-07**%: **0.02 - 0.02**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Adhesive Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL)

ID: 64742-54-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-06-07**

%: **0.02 - 0.02** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Adhesive 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
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
CANCER	Australia - GHS	H350 - May cause cancer

SUBSTANCE NOTES: Hydrotreated heavy paraffinic petroleum distillates (mineral oil) are considered carcinogenic when ingested in their natural state, or when boiled and their fumes are inhaled. This substance, as used in these products, is bound within the products and is unable to be inhaled or ingested through normal product use. Thus, the hazards usually associated with this substance are not applicable to these products.

LANTHANUM(3+) STEARATE

ID: 14741-67-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-06-07**

%: **0.02 - 0.02** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Stabilizer**

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

SUBSTANCE NOTES:

TRIMETHYLOLPROPANE TRIACRYLATE (TMPTA)

ID: 15625-89-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-06-07**

%: **0.01 - 0.03** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **UV Acrylic Layer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
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: Trimethylolpropane triacrylate (TMPTA) is considered a skin and eye irritant and a possible carcinogen (in its liquid state). This substance, as used in these products, is bound within the products and does not come into contact with the skin or eyes, nor can it be inhaled or ingested, through normal product use. Thus, the hazards usually associated with this substance are not applicable to these products.

FUMED SILICA, CRYSTALLINE-FREE (SILICON DIOXIDE POWDER)

ID: 112945-52-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-06-07**

%: 0.01 - 0.02

GS: LT-P1

RC: None

NANO: No

ROLE: UV Acrylic Layer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	Japan - GHS	Carcinogenicity - Category 1A
CANCER	Australia - GHS	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: Fumed silica, crystalline-free (also known as silicon dioxide powder) is a transparent to gray, odorless, tasteless powder and is considered a carcinogen (in its unbound state). This substance, as used in these products, is bound within the products and is unable to be inhaled or ingested through normal product use. Thus, the hazards usually associated with this substance are not applicable to these products.

DISILOXANE, 1,3-DIETHENYL-1,1,3,3-TETRAMETHYL- (DIVINYLTETRAMETHYLDISILOXANE)

ID: 2627-95-4

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

HAZARD SCREENING DATE: **2019-06-07**

%: 0.01 - 0.01

GS: LT-UNK

RC: None

NANO: No

ROLE: UV Acrylic Layer

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

SUBSTANCE NOTES:

DIAMOND (DIAMOND POWDER)

ID: 7782-40-3

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

HAZARD SCREENING DATE: **2019-06-07**

%: 0.01 - 0.01

GS: LT-UNK

RC: None

NANO: No

ROLE: UV Acrylic Layer

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

SUBSTANCE NOTES:

RED 221 (C.I.PIGMENT RED 221)

ID: 61815-09-6

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

HAZARD SCREENING DATE: **2019-06-07**

%: 0.01 - 0.01

GS: LT-UNK

RC: None

NANO: No

ROLE: Ink

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

SUBSTANCE NOTES:

VINYL CHLORIDE-VINYL ACETATE COPOLYMERS

ID: 9003-22-9

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

HAZARD SCREENING DATE: **2019-06-07**

%: 0.01 - 0.01

GS: LT-UNK

RC: None

NANO: No

ROLE: Ink

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

SUBSTANCE NOTES:

HYDROXYCYCLOHEXYL PHENYL KETONE

ID: 947-19-3

#: **0.00 - 0.01**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **UV Acrylic Layer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

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

RFCI FloorScore

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/Metroflor_2018_SCS-FS-01967_s2.pdf

CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE: **2018-12-01**

EXPIRY DATE: **2019-11-30**

CERTIFIER OR LAB: **SCS Global Services**

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

Engage Genesis 2000 collections are floating multilayer modular flooring and thus no adhesives are required/recommended for their installation. For more information, please refer to the professional installation manual.

MANUFACTURER INFORMATION

MANUFACTURER: **Metroflor Corporation**
 ADDRESS: **15 Oakwood Avenue**
Norwalk CT 06850, USA
 WEBSITE: **http://www.metroflorusa.com**

CONTACT NAME: **Arthur R. Clarke III**
 TITLE: **Director of Sustainability**
 PHONE: **(203) 299-3113**
 EMAIL: **aclarke@metroflorcorp.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	GLO Global warming	PHY Physical Hazard (reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive toxicity
DEV Developmental toxicity	MUL Multiple hazards	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	OZO Ozone depletion	LAN Land Toxicity
GEN Gene mutation	PBT Persistent Bioaccumulative Toxic	NF Not found on Priority Hazard Lists

GreenScreen (GS)

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