Aspecta Ten - Multilayer Modular Flooring by Aspecta N.A.

Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 09 65 19

PRODUCT DESCRIPTION: Aspecta[™] Ten multilayer modular flooring consists of three primary layers: 3.0mm Luxury Vinyl Tile (LVT) top layer that matches the look of natural textures, while providing durability and comfort; 5.0mm ISOCORE Technology® - an extruded, closed-cell, vinyl structural core that's 100% waterproof, rigid, strong, and dimensionally stable; and a 2.0mm pre-attached underlayment that minimizes sound, provides warmth and comfort underfoot, and further helps conceal minor subfloor imperfections. Aspecta Ten also features: DropLock 100[™], a quick-and-easy drop-and-lock installation system; and Duraspect[™] Extreme Surface Protectant, for the ultimate in stain repellency and abrasion resistance.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

- **Inventory Reporting Format**
- C Nested Materials Method
- Basic Method
- **Threshold Disclosed Per**
- Material
 Product

100 ppm
1,000 ppm

Threshold level

Per GHS SDS
Per OSHA MSDS
Other

Residuals/Impurities

- C Considered C Partially Considered O Not Considered
- Explanation(s) provided for Residuals/Impurities? • Yes O No

All Substances Above the Threshold Indicated Are:

Characterized	C Yes Ex/SC O Yes C No
% weight and role pro	ovided for all substances.

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

Identified O Yes Ex/SC O Yes O 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

ASPECTA TEN - 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 CALCIUM STEARATE LT-UNK ZINC STEARATE LT-P1 RUTILE TITANIUM DIOXIDE LT-1 | CAN 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 CARBON BLACK LT-1 | CAN SODIUM BICARBONATE LT-P1 | END 1,6-HEXANEDIOL DIACRYLATE LT-P1 | SKI | EYE | MUL LANTHANUM(3+) STEARATE NoGS 1-BUTENE, HOMOPOLYMER (POLYBUTENE) LT-UNK HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL) LT-1 | CAN | MUL TRIMETHYLOLPROPANE TRIACRYLATE (TMPTA) LT-P1 | RES | CAN | SKI | EYE RED 221 (C.I.PIGMENT RED 221) LT-UNK VINYL CHLORIDE-VINYL ACETATE COPOLYMERS LT-UNK 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 HYDROXYCYCLOHEXYL PHENYL KETONE LT-UNK]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

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.

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

C Yes • No PREPARER: Self-Prepared VERIFIER: VERIFICATION #: SCREENING DATE: 2019-04-04 PUBLISHED DATE: 2019-04-04 EXPIRY DATE: 2022-04-04 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

ASPECTA TEN - MULTILAYER MODULAR FLOORING

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: While Aspecta[™] Ten 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) tested Aspecta Ten to ensure it is free of red list heavy metals, phthalate-free, formaldehyde-free, complies with REACH SVHC, and meets VOC emissions/indoor air quality requirements per FloorScore® / California Section 01350.

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

CALCIUM CARBONATE				ID: 471-34-1
HAZARD SCREENING METHOD: Ph	aros Chemical and Materials Library	HAZARD SCREE	ENING DATE: 2019-04	1-04
%: 48.9816 - 51.4616	GS: BM-3	RC: None	NANO: NO	ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
	No hazards found			
SUBSTANCE NOTES:				
POLYVINYL CHLORIDE (P)	/C)			ID: 9002-86-2
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-04-04		
%: 36.9983 - 38.9983	GS: LT-P1	RC: None	NANO: NO	ROLE: Polymer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-indu	iced
SUBSTANCE NOTES:				
BIS(2-ETHYLHEXYL) TERE	PHTHALATE (DOTP)			ID: 6422-86-2
HAZARD SCREENING METHOD: Ph	aros Chemical and Materials Library	HAZARD SCREENIN	IG DATE: 2019-04-0	4
%: 4.3207 - 4.7207	GS: BM-3	RC: None	NANO: No	ROLE: Plasticzier

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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

METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE ID: 25852-37-3 HAZARD SCREENING DATE: 2019-04-04 HAZARD SCREENING METHOD: Pharos Chemical and Materials Library GS: LT-UNK ROLE: Modifier %: 1.6936 - 1.8472 RC: None NANO: **NO** HAZARD TYPE AGENCY AND LIST TITLES WARNINGS No hazards found SUBSTANCE NOTES: POLYETHYLENE ID: 9002-88-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREEN	IING DATE: 2019-04	-04
%: 1.5810 - 1.5810	GS: LT-UNK	RC: None	NANO: NO	ROLE: Polymer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
	No hazards found			

SUBSTANCE NOTES:

CALCIUM STEARATE				ID: 1592-23-0
HAZARD SCREENING METHOD: Pharos	Chemical and Materials Library	HAZARD SCREEN	ING DATE: 2019-04	1-04
%: 0.7134 - 0.7382	GS: LT-UNK	RC: None	NANO: NO	ROLE: Stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
	No hazards found			
SUBSTANCE NOTES:				
ZINC STEARATE				ID: 557-05-1
HAZARD SCREENING METHOD: Pharos	Chemical and Materials Library	HAZARD SCREENII	NG DATE: 2019-04	-04
%: 0.7134 - 0.7382	GS: LT-P1	RC: None	NANO: NO	ROLE: Stabilizer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

RUTILE TITANIUM DIOXIDE

ID: 1317-80-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREEN	HAZARD SCREENING DATE: 2019-04-04		
%: 0.7008 - 0.7056	GS: LT-1	RC: None	NANO: NO	ROLE: Pigment	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
CANCER	US CDC - Occupational Carcinogens	Occupationa	al Carcinogen		
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure rou		cal form or exposure route	
CANCER	IARC	Group 2B - I occupationa		nic to humans - inhaled from	
CANCER	МАК	•	Group 3A - Evidenc cient to establish N	ce of carcinogenic effects IAK/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 this product, is bound within the product and is unable to be inhaled or ingested through normal product use. Thus, the hazards usually associated with this substance are not applicable to this product.

IRON OXIDE				ID: 1332-37-2
HAZARD SCREENING METHOD: P	naros Chemical and Materials Library	HAZARD SCREENI	NG DATE: 2019-04	-04
%: 0.4512 - 0.4560	GS: LT-UNK	RC: None	NANO: NO	ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
	No hazards found			
SUBSTANCE NOTES:				
POLYURETHANE FOAMS				ID: 9009-54-5
HAZARD SCREENING METHOD: P	naros Chemical and Materials Library	HAZARD SCREEN	NG DATE: 2019-04	-04
%: 0.4260 - 0.4560	GS: LT-UNK	RC: None	NANO: NO	ROLE: Polymer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
	No hazards found			
SUBSTANCE NOTES:				

(THERMOPLASTIC RUBBI	DLYMER WITH 2-METHYL-1,3-BUTADIENE ER)				id: 25038-32- 8
HAZARD SCREENING METHOD: P	haros Chemical and Materials Library		HAZARD SCR	EENING DATE:	2019-04-04
%: 0.1965 - 0.1965	GS: LT-UNK		RC: None	NANO: NO	ROLE: Adhesive Component
HAZARD TYPE	AGENCY AND LIST TITLES	V	WARNINGS		
	No hazards found				
SUBSTANCE NOTES:					
PETROLEUM RESINS (HY	DROCARBON RESINS)				ID: 64742-16-
HAZARD SCREENING METHOD: P	haros Chemical and Materials Library	HAZARD SC	CREENING DATE:	2019-04-04	4
%: 0.0756 - 0.0756	GS: LT-1	RC: None	NANO:	No Role	Adhesive Component
HAZARD TYPE	AGENCY AND LIST TITLES	V	WARNINGS		
CANCER	CA EPA - Prop 65	(Carcinogen		
CANCER	US CDC - Occupational Carcinogens	C	Occupational	Carcinogen	
CANCER	IABC	(Group 2B - Po	ssibly carcin	ogenic to humans - inhaled from

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 this product, is bound within the product and is unable to be inhaled or ingested through normal product use. Thus, the hazards usually associated with this substance are not applicable to this product.

occupational sources

CARBON BLACK				ID: 1333-86- 4
HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2019-04-04		
%: 0.0658 - 0.0658	GS: LT-1	RC: None	NANO: NO	ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	US CDC - Occupational Carcinogens	Occupationa	al Carcinogen	
CANCER	CA EPA - Prop 65	Carcinogen	- specific to chemi	cal form or exposure route
CANCER	IARC	Group 2B - I occupationa		nic to humans - inhaled from
CANCER	МАК	•	Group 3B - Evidend cient for classificat	ce of carcinogenic effects ion

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

ID: 13048-33-4

SODIUM BICARBONATE

ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		uptor	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
%: 0.0528 - 0.0864	GS: LT-P1	RC: None	NANO: NO	ROLE: Foaming Agent	
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-04-04			

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 this product, is bound within the product 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 this product.

1,6-HEXANEDIOL DIACRYLATE

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-04-04		
%: 0.0200 - 0.0250	GS: LT-P1	RC: None	NANO: NO	ROLE: UV Acrylic Layer
HAZARD TYPE	AGENCY AND LIST TITLES	WAR	IINGS	
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation		
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction		lergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation		eye irritation
MULTIPLE	German FEA - Substances Hazardous to Waters	o Class 2 - Hazard to Waters		ters
SKIN SENSITIZE	МАК	Sen	sitizing Substance S	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 this product, is bound within the product 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 this product.

LANTHANUM(3+) STEARA	TE			ID: 14741-67-4
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2019-04-04				
%: 0.0187 - 0.0187	GS: NoGS	RC: None	NANO: NO	ROLE: Stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
	No hazards found			
SUBSTANCE NOTES:				
1-BUTENE, HOMOPOLYM	ER (POLYBUTENE)			ID: 9003-28-5
HAZARD SCREENING METHOD: P	aros Chemical and Materials Library	HAZARD SCREENING DA	TE: 2019-04-04	

%: 0.0150 - 0.0150	GS: LT-UNK	RC: None	NANO: NO	ROLE: Adhesive Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARN	NGS	
	No hazards found			
SUBSTANCE NOTES:				
HYDROTREATED HEAVY (MINERAL OIL)	PARAFFINIC PETROLEUM DISTILLATES			ID: 64742-54-7
HAZARD SCREENING METHOD: PI	naros Chemical and Materials Library	HAZARD	SCREENING DATE	2019-04-04
%: 0.0126 - 0.0126	GS: LT-1	RC: Nor	e NANO: N	o ROLE: Adhesive Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARN	NGS	
CANCER	EU - GHS (H-Statements)	H350	- May cause c	ancer
CANCER	EU - REACH Annex XVII CMRs			ry 2 - Substances which should be are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR	- Carcinogen,	Mutagen &/or Reproductive Toxicant
CANCER	EU - Annex VI CMRs		nogen Categoı al evidence	ry 1B - Presumed Carcinogen based on
CANCER	Australia - GHS	H350	- May cause c	ancer

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 this product, is bound within the product and is unable to be inhaled or ingested through normal product use. Thus, the hazards usually associated with this substance are not applicable to this product.

TRIMETHYLOLPROPANE TRIACRYLATE (TMPTA)

ID: 15625-89-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-04-04		
: 0.0100 - 0.0250	GS: LT-P1	RC: None	NANO: NO	ROLE: UV Acrylic Layer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNING	5	
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	МАК	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 this product, is bound within the product 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 this product.

RED 221 (C.I.PIGMENT RED	221)			ID: 61815-09-6			
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENIN	HAZARD SCREENING DATE: 2019-04-04				
%: 0.0050 - 0.0050	GS: LT-UNK	RC: None	NANO: NO	ROLE: Ink			
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS					
	No hazards found						
SUBSTANCE NOTES:							
VINYL CHLORIDE-VINYL AC	ETATE COPOLYMERS			ID: 9003-22-9			
HAZARD SCREENING METHOD: Pha	ros Chemical and Materials Library	HAZARD SCREENIN	IG DATE: 2019-04-04	4			
%: 0.0050 - 0.0050	GS: LT-UNK	RC: None	NANO: NO	ROLE: Ink			
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS					
	No hazards found						
SUBSTANCE NOTES:							
FUMED SILICA, CRYSTALLI	NE-FREE (SILICON DIOXIDE POWDER)			ID: 112945-52-5			
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2019-04-04							
%: 0.0050 - 0.0150	GS: LT-P1	RC: None NANO:	No ROLE: UV	Acrylic Layer			
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS					
CANCER	Japan - GHS	Carcinogenicity - (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 this product, is bound within the product and is unable to be inhaled or ingested through normal product use. Thus, the hazards usually associated with this substance are not applicable to this product.							
DISILOXANE, 1,3-DIETHENY (DIVINYLTETRAMETHYLDIS				id: 2627-95-4			
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2019-04-04							
%: 0.0050 - 0.0100	GS: LT-UNK	RC: None	NANO: NO ROLE	UV Acrylic Layer			

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS No hazards found SUBSTANCE NOTES: **DIAMOND (DIAMOND POWDER)** ID: 7782-40-3 HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2019-04-04 ROLE: UV Acrylic Layer %: 0.0050 - 0.0050 GS: LT-UNK RC: None NANO: **NO** HAZARD TYPE AGENCY AND LIST TITLES WARNINGS No hazards found SUBSTANCE NOTES: HYDROXYCYCLOHEXYL PHENYL KETONE ID: 947-19-3 HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2019-04-04 %: 0.0030 - 0.0060 GS: LT-UNK RC: None NANO: **NO** ROLE: UV Acrylic Layer HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

No hazards found

SUBSTANCE NOTES:

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.scscertified.com/products/cert_pdfs/AspectaNA_2018_SCSFS- 03808_s2.pdf	ISSUE DATE: 2018-12- 01	EXPIRY DATE: 2019-11- 30	CERTIFIER OR LAB: SCS Global Services		

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

Aspecta Ten is a floating multilayer modular flooring and thus no adhesives are required/recommended for its installation. For more information, please refer to the professional installation manual.

MANUFACTURER INFORMATION

MANUFACTURER: Aspecta N.A. Address: 15 Oakwood Avenue Norwalk CT 06850, USA WEBSITE: www.aspectaflooring.com CONTACT NAME: Arthur R. Clarke III TITLE: Director of Sustainability PHONE: (203) 299-3113 EMAIL: transparency@aspectaflooring.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

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 (insuficient 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.

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

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)