

HPD UNIQUE IDENTIFIER: 27768

CLASSIFICATION: 09 96 00 High-Performance Coatings

PRODUCT DESCRIPTION: For all commercial and heavy-traffic residential interior hardwood floors. PolyWhey® 3500 provides outstanding mar and scratch resistance and stands up to the rigorous cleaning required of daily use. A neutral odor, great coverage, quick drying, easy cleanup make PolyWhey® 3500 the preferred topcoat of flooring professionals. PolyWhey 3500 Satin is compliant with CDPH Standard Method V1.2 (the strictest emissions and indoor air quality testing in the nation) with the safest possible results: ≤ 0.5 mg/m³.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities	<i>All Substances Above the Threshold Indicated Are:</i> Characterized ☐ Yes Ex/SC ☒ Yes ☐ No <i>% weight and role provided for all substances.</i> Screened ☐ Yes Ex/SC ☐ Yes ☒ No <i>One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.</i> Identified ☐ Yes Ex/SC ☐ Yes ☒ No <i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i>
☐ Nested Materials Method	☒ 100 ppm	☐ Considered	
☒ Basic Method	☐ 1,000 ppm	☐ Partially Considered	
Threshold Disclosed Per	☐ Per GHS SDS	☒ Not Considered	
	☐ Other	Explanation(s) provided for Residuals/Impurities? ☒ 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

POLYWHEY 3500 PROFESSIONAL WOOD FLOOR FINISH [WATER
(PRIMARY CASRN IS 7732-18-5) BM-4 PROPRIETARY RESIN BLEND
Not Screened **FATTY ACIDS, TALL-OIL, COMPS. WITH MORPHOLINE**
LT-UNK ACRYLIC POLYMER NoGS SILICA GEL LT-UNK
LACTALBUMIN NoGS POLYETHYLENE WAX Not Screened
DIPROPYLENE GLYCOL N-BUTYL ETHER (DPNB) LT-UNK
LUBRICATING OILS (PETROLEUM), C15-30, HYDROTREATED
NEUTRAL OIL-BASED LT-1 | CAN | MUL STYRENE MALEIC ACID
COPOLYMER Not Screened POLYETHER MODIFIED SILOXANE Not
Screened POLYETHER MODIFIED SILOXANE Not Screened
PROPYLENE GLYCOL BM-2 | END DIPROPYLENE GLYCOL
MONOMETHYL ETHER LT-UNK C12-15 PARETH-11 LT-P1 | MUL
PENTANOIC ACID, 5-(DIMETHYLAMINO)-2-METHYL-5-OXO-, METHYL
ESTER LT-UNK POLYETHYLENE LT-UNK UREA LT-UNK ZINC OXIDE
BM-1 | END | RES | MUL | AQU 1,2-BENZISOTHIAZOLINE-3-ONE LT-P1 |
SKI | MUL | AQU | EYE PYRITHIONE ZINC BM-1tp | MUL | MAM | AQU |
EYE | DEV POLYETHER Not Screened ENZYMATIC MODIFIED STARCH
Not Screened LITHIUM CHLORIDE LT-P1 | END]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All information provided herein is consistent with ingredient supplier data.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 31.56 Regulatory (g/l): 93.75

Does the product contain exempt VOCs: No

Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Residential scenario

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

VOC emissions: SCAQMD Rule 1113 Architectural Coatings - Clear Wood Finishes including Varnish & Sanding Sealer, Lacquers, Mastic Coatings, Recycled Coatings - 2007 amendments

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- ☐ Yes
☒ No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2022-03-09
PUBLISHED DATE: 2022-03-09
EXPIRY DATE: 2025-03-09

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

POLYWHEY 3500 PROFESSIONAL WOOD FLOOR FINISH

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Product contains no known impurities or residuals.

OTHER PRODUCT NOTES: Contact Vermont Natural Coatings with any questions.

WATER (PRIMARY CASRN IS 7732-18-5)

ID: 652133-48-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-09 7:04:49

%: 61.0000 - 64.0000 GS: BM-4 RC: UNK NANO: No SUBSTANCE ROLE: Carrier

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

SUBSTANCE NOTES: Water.

PROPRIETARY RESIN BLEND

ID: Not Registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: Not Screened

%: 20.6700 - 21.6500 GS: Not Screened RC: None NANO: No SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES: Proprietary Polyurethane Resin - Blend.

FATTY ACIDS, TALL-OIL, COMPS. WITH MORPHOLINE

ID: 68002-77-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-09 7:04:50

%: 5.2200 - 5.5400 GS: LT-UNK RC: PreC NANO: No SUBSTANCE ROLE: Abrasion resistance

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

SUBSTANCE NOTES: Via information provided by suppliers.

ACRYLIC POLYMER

ID: 9063-87-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-09 7:04:50

%: 3.0360 - 3.1740 GS: NoGS RC: UNK NANO: No SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: Acrylic polymer resin blend.		

SILICA GEL

ID: 112926-00-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-09 7:04:51		
%: 1.6560 - 1.7100	GS: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Matting agent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found	No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES: Matting agent.				

LACTALBUMIN

ID: 9013-90-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-09 7:04:51		
%: 1.2100 - 1.2100	GS: NoGS	RC: UNK	NANO: No	SUBSTANCE ROLE: Curing agent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found	No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES: Whey protein.				

POLYETHYLENE WAX

ID: Not Registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: Not Screened		
%: 1.1600 - 1.1800	GS: Not Screened	RC: UNK	NANO: No	SUBSTANCE ROLE: Abrasion resistance
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
Hazard Screening not performed				
SUBSTANCE NOTES: Via information provided by suppliers.				

DIPROPYLENE GLYCOL N-BUTYL ETHER (DPNB)

ID: 29911-28-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-09 7:04:52		
%: 0.9900 - 1.0000	GS: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Coalescent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found	No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES: Via information provided by suppliers.				

LUBRICATING OILS (PETROLEUM), C15-30, HYDROTREATED NEUTRAL OIL-BASED

ID: 72623-86-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-09 7:04:52		
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%: 0.5600 - 0.5680		GS: LT-1	RC: UNK	NANO: No	SUBSTANCE ROLE: Defoamer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
CAN	EU - REACH Annex XVII CMRs		Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man		
CAN	EU - Annex VI CMRs		Carcinogen Category 1B - Presumed Carcinogen based on animal evidence		
MUL	ChemSec - SIN List		CMR - Carcinogen, Mutagen &/or Reproductive Toxicant		
MUL	German FEA - Substances Hazardous to Waters		Class 3 - Severe Hazard to Waters		
CAN	GHS - Australia		H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]		
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1		H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]		
SUBSTANCE NOTES: Via information provided by suppliers.					

STYRENE MALEIC ACID COPOLYMER				ID: Not Registered	
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: Not Screened			
%: 0.4000 - 0.4400	GS: Not Screened		RC: None	NANO: No	SUBSTANCE ROLE: Dispersant
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
Hazard Screening not performed					
SUBSTANCE NOTES: Via information provided by supplier.					

POLYETHER MODIFIED SILOXANE				ID: Not Registered	
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: Not Screened			
%: 0.2080 - 0.2120	GS: Not Screened		RC: None	NANO: No	SUBSTANCE ROLE: Surfactant
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
Hazard Screening not performed					
SUBSTANCE NOTES: Via information provided by suppliers.					

POLYETHER MODIFIED SILOXANE				ID: Not Registered	
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: Not Screened			
%: 0.2080 - 0.2120	GS: Not Screened		RC: None	NANO: No	SUBSTANCE ROLE: Surfactant
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
Hazard Screening not performed					
SUBSTANCE NOTES: Via information provided by supplier.					

PROPYLENE GLYCOL				ID: 57-55-6	
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HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-09 7:04:53		
%: 0.2000 - 0.2000	GS: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Coalescent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor	
SUBSTANCE NOTES: Via information provided by suppliers.				

DIPROPYLENE GLYCOL MONOMETHYL ETHERID: 34590-94-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-09 7:04:53		
%: 0.1880 - 0.1920	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Coalescent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Via information provided by suppliers.				

C12-15 PARETH-11ID: 68131-39-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-09 7:04:54		
%: 0.1200 - 0.1400	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Solvent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters	
SUBSTANCE NOTES: Via information provided by suppliers.				

PENTANOIC ACID, 5-(DIMETHYLAMINO)-2-METHYL-5-OXO-, METHYL ESTERID: 1174627-68-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-09 7:04:55		
%: 0.1160 - 0.1180	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dispersant
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found	No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES: Via information provided by suppliers.				

POLYETHYLENEID: 9002-88-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-09 7:04:55		
%: 0.0900 - 0.1800	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Solvent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Via information provided by suppliers.				

UREA

ID: 57-13-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-09 7:04:56		
%: 0.0780 - 0.0820	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dispersant
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: Via information provided by suppliers.				

ZINC OXIDE

ID: 1314-13-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-09 7:04:56		
%: 0.0600 - 0.0800	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Antimicrobial Pesticide
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]		
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]		
SUBSTANCE NOTES: Via information provided by suppliers.				

1,2-BENZISOTHAZOLINE-3-ONE

ID: 2634-33-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-08 9:33:37	
%: 0.0200 - 0.0400		GS: LT-P1	RC: None NANO: No SUBSTANCE ROLE: Antimicrobial Pesticide
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization	
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters	
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]	
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]	
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]	
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]	
SUBSTANCE NOTES: Via information provided by supplier.			

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2022-03-09 7:04:57

%: 0.0200 - 0.0400

GS: BM-1tp

RC: None

NANO: No

SUBSTANCE ROLE: Antimicrobial Pesticide

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]
DEV	EU - GHS (H-Statements) Annex 6 Table 3-1	H360D - May damage the unborn child [Reproductive toxicity - Category 1A or 1B]

SUBSTANCE NOTES: Via information provided by supplier.

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: Not Screened

%: 0.0200 - 0.0400

GS: Not Screened

RC: None

NANO: No

SUBSTANCE ROLE: Surfactant

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES: Via information provided by supplier.

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: Not Screened

%: 0.0040 - 0.0050

GS: Not Screened

RC: None

NANO: No

SUBSTANCE ROLE: Dispersant

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES: Via information provided by supplier.

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-09 7:04:57		
%: 0.0020 - 0.0040	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Dispersant
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor	
SUBSTANCE NOTES: Via information provided by supplier.				

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 V1.2 (Section 01350/CHPS) - Residential scenario		
CERTIFYING PARTY: Second Party		ISSUE DATE: 2019-09-	EXPIRY DATE:	CERTIFIER OR LAB: Berkeley
APPLICABLE FACILITIES: Manufactured Hardwick, VT		20		Analytical
CERTIFICATE URL:				
CERTIFICATION AND COMPLIANCE NOTES:				
VOC EMISSIONS		CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario		
CERTIFYING PARTY: Second Party		ISSUE DATE: 2019-09-	EXPIRY DATE:	CERTIFIER OR LAB: Berkeley
APPLICABLE FACILITIES: Manufactured Hardwick, VT.		20		Analytical
CERTIFICATE URL:				
CERTIFICATION AND COMPLIANCE NOTES:				
VOC EMISSIONS		SCAQMD Rule 1113 Architectural Coatings - Clear Wood Finishes including Varnish & Sanding Sealer, Lacquers, Mastic Coatings, Recycled Coatings - 2007 amendments		
CERTIFYING PARTY: Self-declared		ISSUE DATE: 2022-01-	EXPIRY DATE:	CERTIFIER OR LAB: Based on
APPLICABLE FACILITIES: Manufactured Hardwick, VT.		01		Formulation
CERTIFICATE URL:				
CERTIFICATION AND COMPLIANCE NOTES:				
VOC CONTENT		CARB 2007, Suggested Control Measure (SCM) for Architectural Coatings		
CERTIFYING PARTY: Self-declared		ISSUE DATE: 2022-01-	EXPIRY DATE:	CERTIFIER OR LAB: Self-certified
APPLICABLE FACILITIES: Hardwick, Vt.		01		
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

Contact manufacturer for further information.

MANUFACTURER INFORMATION

MANUFACTURER: Vermont Natural Coatings
ADDRESS: 190 Junction Rd.
 Hardwick VT 05843, US
WEBSITE: <https://vermontnaturalcoatings.com/product/polywhey-3500-wood-floor-finish/>

CONTACT NAME: Mary Watkevich
TITLE: Customer Service
PHONE: 802-472-8700
EMAIL: info@vermontnaturalcoatings.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	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
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)	NoGS No GreenScreen.

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.