

Stonclad GRg w/Stonkote GS4g by Stonhard

Health Product Declaration v2.1

CLASSIFICATION: 09 67 00 Fluid-Applied Flooring

created via: HPDC Online Builder

PRODUCT DESCRIPTION: A complete flooring system HPD consisting of Stonkote CE4g, Stonclad GRg mortar and Stonkote GS4g finish coating.

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
Percent Weight and Role Provided? Yes No

Screened
Using Priority Hazard Lists with Results Disclosed? Yes No

Identified
Name and Identifier Provided? 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

STONCLAD GRG W/STONKOTE GS4G [QUARTZ **LT-1** | CAN SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) **LT-UNK** | CAN EPICHLOROHYDRIN-BISPHENOL A RESIN **LT-P1** | EYE | SKI | AQU | MUL OXIRANE, MONO[(C12-13-ALKYLOXY)METHYL] DERIVS. **LT-UNK** 1173092-74-4 TRIETHYLENETETRAMINE **LT-P1** | MAM | SKI | AQU | RES | MUL BARIUM SULFATE **BM-2** | CAN TITANIUM DIOXIDE **LT-1** | CAN | END DIBUTYL SEBACATE **LT-UNK** PHENOL, STYRENATED **LT-P1** | PBT | MUL TALC **BM-1** | CAN PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS-, POLYMER WITH N,N'-BIS(2-AMINOETHYL)-1,2-ETHANEDIAMINE AND (CHLOROMETHYL)OXIRANE **LT-UNK** TRIMETHYLOLPROPANE TRIACRYLATE **LT-UNK** | EYE | SKI | RES (2-AMINOETHYL)ETHANOLAMINE **LT-1** | SKI | DEV | REP | RES | MUL FORMALDEHYDE, POLYMER WITH 2-(CHLOROMETHYL)OXIRANE AND PHENOL **LT-P1** | MUL 1,6-HEXANEDIOL DIGLYCIDYL ETHER **LT-UNK** | SKI 2-HYDROXYBENZOIC ACID **LT-UNK** SILOXANES AND SILICONES, DI-ME, REACTION PRODUCTS WITH SILICA **LT-UNK** SILICA GEL **LT-UNK** CARBON BLACK **LT-1** | CAN SILICA, AMORPHOUS **LT-P1** | CAN AMORPHOUS SILICA SUBGROUPS LISTED BY MAK COMMISSION OF GERMANY **LT-UNK** DODECYL GLYCIDYL ETHER **LT-P1** | MUL ACRYLIC ACID **LT-P1** | MAM | SKI | AQU | MUL ACRYLATES **NoGS** POLYCYCLIC AROMATIC HYDROCARBONS **LT-1** | PBT | CAN POLYCYCLIC AROMATIC HYDROCARBONS (PAH) **LT-1** | PBT | CAN POLYCYCLIC AROMATIC COMPOUNDS - COMPOUND GROUP **NoGS**]

Number of Greenscreen BM-4/BM3 contents..... 0
Contents highest concern GreenScreen
Benchmark or List translator Score..... BM-1
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

N/A

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 6 Regulatory (g/l): 6
Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: Yes

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2017-09-13

PUBLISHED DATE: 2017-09-13

EXPIRY DATE: 2020-09-13

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

STONCLAD GRG W/STONKOTE GS4G

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Partially

RESIDUALS AND IMPURITIES NOTES: Residuals are considered and included only when above the reported threshold.

OTHER PRODUCT NOTES:

QUARTZ

ID: 14808-60-7

HAZARDS:	AGENCY(IES) WITH WARNINGS:	HAZARD STATEMENT:
%: 54.4400 - 54.4400	GS: LT-1	RC: None
		NANO: No
		ROLE: Filler
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
CANCER	Australia - GHS	H350 - May cause cancer

SUBSTANCE NOTES:

SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)

ID: 65997-17-3

HAZARDS:	AGENCY(IES) WITH WARNINGS:	HAZARD STATEMENT:
%: 24.4600 - 24.4600	GS: LT-UNK	RC: PreC
		NANO: No
		ROLE: Filler
CANCER	EU - R-phrases	R40 - Limited Evidence of Carcinogenic Effects
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer

SUBSTANCE NOTES: Recycled glass used in Stonclad mortar.

%: 11.5500 - 11.5500	GS: LT-P1	RC: None	NANO: No	ROLE: Reactive Resin
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
EYE IRRITATION	EU - R-phrases		R36 - Irritating to eyes	
SKIN IRRITATION	EU - R-phrases		R38 - Irritating to skin	
SKIN SENSITIZE	EU - R-phrases		R43 - May cause sensitization by skin contact	
ACUTE AQUATIC	EU - R-phrases		R51 - Toxic to Aquatic Organisms	
CHRON AQUATIC	EU - GHS (H-Statements)		H411 - Toxic to aquatic life with long lasting effects	
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	
SUBSTANCE NOTES:				

OXIRANE, MONO[(C12-13-ALKYLOXY)METHYL] DERIVS.

%: 2.1400 - 2.1400	GS: LT-UNK	RC: None	NANO: No	ROLE: Reactive Resin
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: Reactive Resin				

1173092-74-4

%: 2.1400 - 2.1400	GS:	RC: None	NANO: No	ROLE: Reactive Amine
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES:				

TRIETHYLENETETRAMINE

%: 0.8300 - 0.8300	GS: LT-P1	RC: None	NANO: No	ROLE: Reactive Amine
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
MAMMALIAN	EU - R-phrases		R21 - Harmful in Contact with Skin	
SKIN IRRITATION	EU - R-phrases		R34 - Causes burns	

SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
ACUTE AQUATIC	EU - R-phrases	R52 - Harmful to Aquatic Organisms
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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:

BARIUM SULFATE

ID: 7727-43-7

#: 0.6300 - 0.6300	GS: BM-2	RC: None	NANO: No	ROLE: Pigment
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		

SUBSTANCE NOTES:

TITANIUM DIOXIDE

ID: 13463-67-7

#: 0.6100 - 0.6100	GS: LT-1	RC: None	NANO: No	ROLE: Pigment
HAZARDS:	AGENCY(IES) WITH 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		
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value		

SUBSTANCE NOTES:

DIBUTYL SEBACATE

ID: 109-43-3

#: 0.5300 - 0.5300	GS: LT-UNK	RC: None	NANO: No	ROLE: Plasticizer
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES:

PHENOL, STYRENATED

ID: 61788-44-1

#: **0.5000 - 0.5000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Reactive Amine**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

PBT EU - ESIS PBT Under PBT evaluation

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

SUBSTANCE NOTES:

TALC

ID: 8005-37-6

#: **0.4600 - 0.4600** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Filler**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

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

SUBSTANCE NOTES:

PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS-, POLYMER WITH N,N'-BIS(2-AMINOETHYL)-1,2-ETHANEDIAMINE AND (CHLOROMETHYL)OXIRANE

ID: 38294-69-8

#: **0.4300 - 0.4300** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Reactive Amine**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES:

TRIMETHYLOLPROPANE TRIACRYLATE

ID: 15625-89-5

#: **0.3600 - 0.3600** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Reactive Resin**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

EYE IRRITATION EU - R-phrases R36 - Irritating to eyes

SKIN IRRITATION EU - R-phrases R38 - Irritating to skin

SKIN SENSITIZE EU - R-phrases R43 - May cause sensitization by skin contact

RESPIRATORY AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced

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:

(2-AMINOETHYL)ETHANOLAMINE

ID: **111-41-1**

#: **0.3200 - 0.3200** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Reactive Amine**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
SKIN IRRITATION	EU - R-phrases	R34 - Causes burns
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
DEVELOPMENTAL	EU - R-phrases	R61 - May cause harm to the unborn child
REPRODUCTIVE	EU - R-phrases	R62 - Possible risk of impaired fertility
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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
DEVELOPMENTAL	EU - GHS (H-Statements)	H360Df - May damage the unborn child. Suspected of damaging fertility
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1B
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
DEVELOPMENTAL	Australia - GHS	H360Df - May damage the unborn child. Suspected of damaging fertility

SUBSTANCE NOTES:

FORMALDEHYDE, POLYMER WITH 2-(CHLOROMETHYL)OXIRANE AND PHENOL

ID: **9003-36-5**

#: **0.2200 - 0.2200** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Reactive Resin**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES:

1,6-HEXANEDIOL DIGLYCIDYL ETHER

ID: 16096-31-4

#: 0.1300 - 0.1300	GS: LT-UNK	RC: None	NANO: No	ROLE: Reactive Resin
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES:

2-HYDROXYBENZOIC ACID

ID: 69-72-7

#: 0.0500 - 0.0500	GS: LT-UNK	RC: None	NANO: No	ROLE: Reactive Amine
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

SILOXANES AND SILICONES, DI-ME, REACTION PRODUCTS WITH SILICA

ID: 67762-90-7

#: 0.0500 - 0.0500	GS: LT-UNK	RC: None	NANO: No	ROLE: Filler
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

SILICA GEL

ID: 112926-00-8

#: 0.0400 - 0.0400	GS: LT-UNK	RC: None	NANO: No	ROLE: Filler
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

CARBON BLACK

ID: 1333-86-4

#: 0.0200 - 0.0200	GS: LT-1	RC: None	NANO: No	ROLE: Pigment
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HAZARDS:

AGENCY(IES) WITH 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:

SILICA, AMORPHOUS

ID: 7631-86-9

#: **Impurity/Residual** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS: AGENCY(IES) WITH WARNINGS:

CANCER Japan - GHS Carcinogenicity - Category 1A

SUBSTANCE NOTES: Imported from Pharos process chemistry research

AMORPHOUS SILICA SUBGROUPS LISTED BY MAK COMMISSION OF GERMANY

ID: Not registered

#: **Impurity/Residual** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

DODECYL GLYCIDYL ETHER

ID: 2461-18-9

#: **Impurity/Residual** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS: AGENCY(IES) WITH WARNINGS:

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

SUBSTANCE NOTES: Imported from Pharos process chemistry research

ACRYLIC ACID

ID: 79-10-7

#: **Impurity/Residual** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS: AGENCY(IES) WITH WARNINGS:

MAMMALIAN EU - R-phrases R20 - Harmful by Inhalation (gas or vapor or dust/mist)

MAMMALIAN EU - R-phrases R21 - Harmful in Contact with Skin

MAMMALIAN EU - R-phrases R22 - Harmful if Swallowed

SKIN IRRITATION	EU - R-phrases	R35 - Causes severe burns
ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Imported from Pharos process chemistry research

ACRYLATES

ID: 102256-29-1

#: **Impurity/Residual** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

POLYCYCLIC AROMATIC HYDROCARBONS

ID: 130498-29-2

#: **Impurity/Residual** GS: **LT-1** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS: AGENCY(IES) WITH WARNINGS:

PBT WA DoE - PBT PBT

CANCER US NIH - Report on Carcinogens Reasonably Anticipated to be Human Carcinogen

PBT OSPAR - Priority PBTs & EDs & equivalent concern PBT - Chemical for Priority Action

SUBSTANCE NOTES: Imported from Pharos process chemistry research

POLYCYCLIC AROMATIC HYDROCARBONS (PAH)

ID: **Not registered**

#: **Impurity/Residual** GS: **LT-1** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS: AGENCY(IES) WITH WARNINGS:

PBT WA DoE - PBT PBT

CANCER US NIH - Report on Carcinogens Reasonably Anticipated to be Human Carcinogen

PBT OSPAR - Priority PBTs & EDs & equivalent concern PBT - Chemical for Priority Action

SUBSTANCE NOTES: Imported from Pharos process chemistry research

%: Impurity/Residual	GS: NoGS	RC: UNK	NANO: No	ROLE: Impurity/Residual
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

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 V1.1 (Section 01350/CHPS) - Classroom & Office scenario

CERTIFYING PARTY: Self-declared

ISSUE DATE: 2017-01-

EXPIRY DATE:

CERTIFIER OR LAB: Berkeley

APPLICABLE FACILITIES: All

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Analytical

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: CDPH Certification for Stonclad GRg portion.

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

N/A

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Stonhard**

CONTACT NAME: **Mike Jewell**

ADDRESS: **1000 East Park Ave**

TITLE: **VP of Product Development**

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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.