LATICRETE® 254 Platinum (Grey) by LATICRETE International

HPD UNIQUE IDENTIFIER: 31100

CLASSIFICATION: 09 30 00 Tiling

PRODUCT DESCRIPTION: The ultimate high-performance, one-step, polymer fortified, thin-set mortar for interior and exterior installation of ceramic tile, stone, quarry tile, pavers and brick. LATICRETE 254 Platinum, designed to just mix with water, has a long open time with unsurpassed adhesion and workability. LATICRETE 254 Platinum Exceeds ANSI A118.4, ANSI A118.11, 118.15, and ISO C2TES1P1.

Section 1: Summary

CONTENT INVENTORY

- Inventory Reporting
 Threshold Level

 Format
 © 100 ppm

 © Nested Materials Method
 © 1,000 ppm

 © Basic Method
 © Per GHS SDS
- Threshold Disclosed Per
- O Material
- O Product

- Threshold Level
 Residuals/Impurities Evaluation

 © 100 ppm
 © Completed
 - C Partially Completed
 - C Not Completed
 - Explanation(s) provided : • Yes O No

Basic Method / Product Threshold

For all contents above the threshold, the man	ufacturer has:			
Characterized	O Yes O No			
Provided weight and role.				
Screened	⊙ Yes ⊖ No			
Provided screening results using HPDC-approved				
methods.				
Identified	O Yes O No			
Provided name and CAS RN or other 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.

O Other

PRODUCT | MATERIAL OR SUBSTANCE | *RESIDUAL OR IMPURITY* GREENSCREEN SCORE | HAZARD TYPE

LATICRETE® 254 PLATINUM (GREY) [QUARTZ (PRIMARY CASRN IS 14808-60-7) BM-1* | CAN | MAM | GEN LIME BM-2 | SKI | MAM | EYE UNDISCLOSED LT-UNK | | MUL ALUMINUM OXIDE BM-2 | MAM FERRIC OXIDE BM-1 | CAN | MAM | EYE | SKI SULFUR TRIOXIDE BM-2 | MAM CALCIUM DIFORMATE BM-3 | EYE *CALCIUM CARBONATE* BM-3 | EYE *LIMESTONE, CALCIUM CARBONATE* BM-3dg | MUL UNDISCLOSED BM-2 | MUL UNDISCLOSED NoGS UNDISCLOSED BM-1 | END | MUL | MAM | AQU] Number of Greenscreen BM-4/BM3 contents ... 3

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-1

Nanomaterial ... No INVENTORY AND SCREENING NOTES:

This HPD Created with Basic Inventory. Materials listed as Undisclosed in Section 2 is done to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards of these components.

*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0.00Regulatory (g/l): N/ADoes the product contain exempt VOCs: NoAre colorants available that do not increase the VOC content of thebase paint when tinted: N/A

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional

VOC emissions: UL/GreenGuard Gold Certified VOC content: EPA Method 24 - Volatile Matter Content (EPA 24) LCA: Environmental Product Declaration (EPD) by UL - Industry Generic

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1. Pre-checked for LEED v4.1 Option 1.

listinas.

- Third Party Verified?
- Yes○ No

PREPARER: Self-Prepared VERIFIER: VERIFICATION #: SCREENING DATE: 2023-01-20 PUBLISHED DATE: 2023-01-20 EXPIRY DATE: 2026-01-20

Health Product Declaration v2.3

created via: HPDC Online Builder

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

LATICRETE® 254 PLATINUM (GREY)

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are measured by quantitative methods and are only displayed when they are potentially greater than 100 ppm.

OTHER PRODUCT NOTES: See SDS at https://laticrete.com for occupational exposure information.

AZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2023-01-20 8:14:31
6: 50.0000 - 60.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	US CDC - Occupational Carcino	gens	Occupational Ca	arcinogen**
CAN	CA EPA - Prop 65		Carcinogen - spe route**	ecific to chemical form or exposure
CAN	US NIH - Report on Carcinogens	;	Known to be Hu occupational set	man Carcinogen (respirable size - tting)**
CAN	МАК		Carcinogen Grou man**	up 1 - Substances that cause cancer ir
CAN	IARC		Group 1 - Agent from occupation	is carcinogenic to humans - inhaled al sources**
CAN	IARC		Group 1 - Agent	is Carcinogenic to humans**
CAN	GHS - Japan		H350 - May caus 1A]**	se cancer [Carcinogenicity - Category
CAN	GHS - Australia		H350i - May cau - Category 1A or	se cancer by inhalation [Carcinogenici 1B]**
CAN	GHS - New Zealand		Carcinogenicity	category 1**
MAM	GHS - Japan		repeated exposu	lamage to organs through prolonged o ure [Specific target organs/systemic g repeated exposure - Category 1]**
GEN	GHS - Japan		H341 - Suspecte mutagenicity - C	ed of causing genetic defects [Germ ce ategory 2]**
МАМ	GHS - Australia		repeated exposu	lamage to organs through prolonged o ure [Specific target organ toxicity - ure - Category 1]**
MAM	GHS - New Zealand		Specific target o	rgan toxicity - repeated exposure

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture.

**Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

This substance is part of a powder or aerosol; however, its potential for respiration is limited, as demonstrated by this report or certification

LIME

ID: 1305-78-8

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2023-01-20 8:14:31
%: 25.0000 - 32.0000	GreenScreen: BM-2	RC: None NANO: No SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
МАМ	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
МАМ	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
SKI	GHS - New Zealand	Skin corrosion category 1C
EYE	GHS - New Zealand	Serious eye damage category 1
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
EYE	GHS - Australia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI) GSPI - Six Classes of Problematic Chemicals
		Antimicrobials
		· · · · · · · · · · · · · · · · · · ·

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture.

UNDISCLOSED					ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCF	REENING DATE:	2023-01-20 8:14:32	
%: 7.0000 - 12.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: F	Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
	EC - CEPA DSL	Persistent
MUL	EC - CEPA DSL	Inherently Toxic to Humans (iTH)
MUL	German FEA - Substances Hazardous to Waters	Class 1 - Low Hazard to Waters
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS # was used to identify associated hazards.

ALUMINUM OXIDE

ID: 1344-28-1

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD S	CREENING DATE: 2	023-01-20 8:14:32
%: 0.5000 - 3.5000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MAM	GHS - Japan		repeated exposure	nage to organs through prolonger [Specific target organs/systemic epeated exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Innov Institute (C2CPII)	ration		roduct Standard Restricted SL) - Effective July 1, 2022
			Biological and Env	ironmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innov Institute (C2CPII)	vation		roduct Standard Restricted SL) - Effective July 1, 2022
			Children's Product	S

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture.

FERRIC OXIDE					ID: 1309-37-1
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCR	EENING DATE:	2023-01-20 8:14:33	
%: 0.1000 - 2.5000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: B	inder

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	МАК	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
МАМ	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Th	e amount of this component may vary bas	ed on plant of manufacture.
SULFUR TRIOXIDE		ID: 7446-11-9
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2023-01-20 8:14:32
%: 0.1000 - 2.5000	GreenScreen: BM-2	RC: None NANO: No SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
МАМ	US EPA - EPCRA Extremely Haz Substances	ardous Extremely Hazardous Substances
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Th	e amount of this component may vary bas	ed on plant of manufacture.
L		
	Dhaves Chamical and Materials Library	ID: 544-17-2
%: 0.7000 - 1.0000	GreenScreen: BM-3	HAZARD SCREENING DATE: 2023-01-20 8:14:32 RC: None NANO: No SUBSTANCE ROLE: Processing regulator
	LIST NAME AND SOURCE	WARNINGS
EYE	GHS - New Zealand	Eye irritation category 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
POSITIVE LIST	US Environmental Protection Ag EPA)	ency (US US EPA - DfE Safer Chemicals Ingredients list (SCIL)
		Enzymes and Stabilizers - Green Circle (Verified Low Concern)

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture.

CALCIUM CARBONATE

HAZARD DATA SOURCE: P	haros Chemical and Materials Library	HAZARD SO	CREENING DATE:	2023-01-20 8:14:33
%: Impurity/Residual	GreenScreen: BM-3	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
EYE	GHS - New Zealand		Eye irritation cat	tegory 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
POSITIVE LIST	US Environmental Protection Ag	jency (US	US EPA - DfE S	CIL
			Green Circle - V	erified Low Concern

SUBSTANCE NOTES: This substance is an impurity or residual. This impurity/residual may or may not be present based on the source of the raw material and, if present, may or may not be greater than 100 ppm.

LIMESTONE, CALCIUM CARBONATE ID: 1317-65-3					
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2023-01-20 8:14:33	
%: Impurity/Residual	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MUL	Québec CSST - WHMIS 1988		Class D2A - Ver effects	y toxic material causing other toxic	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
POSITIVE LIST	US Environmental Protection Ag EPA)	ency (US	US EPA - DfE S	CIL	
			Green Circle - V	erified Low Concern	

SUBSTANCE NOTES: This substance is an impurity or residual. This impurity/residual may or may not be present based on the source of the raw material and, if present, may or may not be greater than 100 ppm.

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD S	CREENING DA	TE: 2023-01-20 8:14:34
%: 0.2000 - 0.5000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MUL	German FEA - Substances Haza Waters	rdous to	Class 1 - Lov	w Hazard to Waters
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	NC
None found				No listings found on Additional Hazard Lists

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS # was used to identify associated hazards.

			ID: Undisclosed
Pharos Chemical and Materials Library	HAZARD SC	REENING DATE:	2023-01-20 8:14:34
GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
LIST NAME AND SOURCE		WARNINGS	
		No warr	nings found on HPD Priority Hazard Lists
LIST NAME AND SOURCE		NOTIFICATION	
		No	listings found on Additional Hazard Lists
	GreenScreen: NoGS	GreenScreen: NoGS RC: None LIST NAME AND SOURCE	GreenScreen: NoGS RC: None NANO: No LIST NAME AND SOURCE WARNINGS No warn LIST NAME AND SOURCE NOTIFICATION

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS # was used to identify associated hazards.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2023-01-20 8:14:34		
%: 0.0050 - 0.0100	GreenScreen: BM-1	RC: None	NANO: No SUBSTANCE ROLE: Antimicrobial Pesticide	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
END	TEDX - Potential Endocrine Disr	ruptors	Potential Endocrine Disruptor	
MUL	German FEA - Substances Haza Waters	ardous to	Class 3 - Severe Hazard to Waters	
MAM	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]	
MAM	GHS - Japan		H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]	
AQU	GHS - New Zealand		Hazardous to the aquatic environment - acute category 1	
AQU	GHS - New Zealand		Hazardous to the aquatic environment - chronic category 1	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	D LIST Perkins+Will (P+W)		P&W - Precautionary List	
			Precautionary list of substances recommended for avoidance	
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals	
			Antimicrobials	

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS # was used to identify associated hazards.

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	UL/GreenGuard Gold Certified	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Applies to All Facilities. CERTIFICATE URL: https://cdn.laticrete.com/~/media/product- documents/greenguard-certificates/25-254- greenguard.ashx	ISSUE DATE: 2009-07-07 EXPIRY DATE: 2023-07-09	CERTIFIER OR LAB: UL Environment

CERTIFICATION AND COMPLIANCE NOTES: Meets LEED v4.1 Credit "Low Emitting Materials" Emissions Requirements. This product was tested in accordance with California Department of Public Health (CDPH) v1.2 in an office and classroom environment.

VOC CONTENT	EPA Method 24 - Volatile Matter Content (EPA 24)		
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: Applies to All Facilities CERTIFICATE URL: https://cdn.laticrete.com/~/media/support-and- downloads/technical-datasheets/tds251.ashx	ISSUE DATE: 2022-08-23 EXPIRY DATE:	CERTIFIER OR LAB: LATICRETE	

CERTIFICATION AND COMPLIANCE NOTES: Technical Data Sheet 251 "Low VOC LATICRETE Products". Meets LEED v4.1 Credit "Low Emitting Materials" VOC Content Requirements per SCAQMD Rule 1168 (Tile Adhesive).

LCA	Environmental Product Declaration (EPD) by UL - Industry Generic				
CERTIFYING PARTY: Third Party	ISSUE DATE: 2023-01-01	CERTIFIER OR LAB: UL			
APPLICABLE FACILITIES: Applies to All Facilities.	EXPIRY DATE: 2027-12-31	Environment			
CERTIFICATE URL:					
https://cdn.laticrete.com/~/media/environmental-					
product-data-sheets/cement-mortar-for-tile-and-stone-					
installationindustry-wide.ashx					

CERTIFICATION AND COMPLIANCE NOTES: Meets LEED v4.1 Credit "Building Product Disclosure and Optimization-Environmental Product Declarations" requirements as an Industry Wide (Type III) EPD.

🔁 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.

WATER

MANUFACTURER (OR GENERIC): Generic

HPD URL: No HPD Available

ACCESSORY TYPE: Other

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: LATICRETE 254 Platinum (Grey) to be mixed with water only following mix ratio and directions as stated in product data sheet.

Section 5: General Notes

LATICRETE® 254 Platinum (Grey) meets the Living Building Challenge v4.1 (March 2022) requirement that the product does not contain any of the Red Listed Materials or Chemicals. Specifically, LATICRETE 254 Platinum (Grey) does not contain the following: Antimicrobials (marketed with a health claim) •Alkylphenols and related compounds •Asbestos •Bisphenol A (BPA) and structural analogues •California Banned Solvents •Chlorinated Polymers, including Chlorinated polyethylene (CPE), Chlorinated Polyvinyl Chloride (CPVC), Chloroprene (neoprene monomer), Chlorosulfonated polyethylene (CSPE), Polyvinylidiene chloride (PVDC), and Polyvinyl Chloride (PVC) •Chlorobenzenes •Chlorofluorocarbons (CFCs) & Hydrochlorofluorocarbons (HCFCs) •Formaldehyde (added) • Monomeric, polymeric and organo-phosphate halogenated flame retardants (HFRs) •Organotin Compounds •Perfluorinated Compounds (PFCs) •Phthalates (orthophthalates) •Polychlorinated Biphenyls (PCBs) •Polycyclic Aromatic Hydrocarbons (PAH) •Short-Chain and Medium-Chain Chlorinated Paraffins •Toxic Heavy Metals - Arsenic, Cadmium, Chromium, Lead (added), and Mercury •Wood treatments containing Creosote, Arsenic or Pentachlorophenol. See Section 1 for Volatile Organic Compounds (VOC) (wet applied products) information.

Contains no respirable silica levels that exceed the OSHA action level.

MANUFACTURER INFORMATION

MANUFACTURER: LATICRETE International ADDRESS: 1 Laticrete Park North Bethany CT 06524, USA WEBSITE: https://laticrete.com

CONTACT NAME: Mitch Hawkins TITLE: Director, Technical Services PHONE: 203.393.4619 EMAIL: wmhawkins@laticrete.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 CAN Cancer DEV Developmental toxicity END Endocrine activity EYE Eye irritation/corrosivity GEN Gene mutation GLO Global warming LAN Land toxicity MAM Mammalian/systemic/organ toxicity MUL Multiple NEU Neurotoxicity NF Not found on Priority Hazard Lists OZO Ozone depletion PBT Persistent, bioaccumulative, and toxic PHY Physical hazard (flammable or reactive) REP Reproductive RES Respiratory sensitization SKI Skin sensitization/irritation/corrosivity UNK Unknown

LT-P1 List Translator Possible 1 (Possible Benchmark-1) LT-1 List Translator 1 (Likely Benchmark-1) LT-UNK List Translator Benchmark Unknown NoGS No GreenScreen.

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 (due to insufficient data)

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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.