

CLASSIFICATION: 09 30 00

PRODUCT DESCRIPTION: LATICRETE 1500 Sanded Grout is a premium, factory prepared grout designed to be mixed with water. LATICRETE 1500 Sanded Grout is formulated from a blend of high strength portland cement, graded aggregates, polymers and color-fast pigments and provides a grout joint that is dense, hard and durable.

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 Yes No
Percent Weight and Role Provided?

Screened Yes No
Using Priority Hazard Lists with Results Disclosed?

Identified Yes No
Name and Identifier Provided?

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

LATICRETE 1500 SANDED GROUT [QUARTZ LT-1 | CAN PORTLAND CEMENT LT-P1 | CAN | END UNDISCLOSED LT-UNK | CAN UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-1 | CAN | MUL UNDISCLOSED LT-1 | CAN | MUL UNDISCLOSED LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 UNDISCLOSED LT-1 | RES | CAN | GEN | REP UNDISCLOSED LT-UNK CALCIUM CARBONATE BM-3 LIMESTONE; CALCIUM CARBONATE LT-UNK]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This HPD was 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.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0.00 Regulatory (g/l): N/A
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: UL GreenGuard Gold (1500 Grout)
VOC content: TDS 251 "Low VOC LATICRETE® Products"
LCA: LATICRETE Grout for Tile Installation Product Specific (Type III)
Environmental Product Declaration

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2018-08-02

PUBLISHED DATE: 2018-08-02

EXPIRY DATE: 2021-08-02



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

LATICRETE 1500 SANDED GROUT

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: 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 www.laticrete.com for occupational exposure information.

QUARTZ

ID: 14808-60-7

Component	GS	RC	NANO	ROLE
%: 55.0000 - 70.0000	LT-1	None	No	Aggregate
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	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	IARC		Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources	
CANCER	New Zealand - GHS		6.7A - Known or presumed human carcinogens	
CANCER	Australia - GHS		H350 - May cause cancer	
CANCER	Japan - GHS		Carcinogenicity - Category 1A	
CANCER	Australia - GHS		H350i - May cause cancer by inhalation	

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture. There are no known impurities or residuals which are greater than 1,000 ppm.

PORTLAND CEMENT

ID: 65997-15-1

Component	GS	RC	NANO	ROLE
%: 25.0000 - 30.0000	LT-P1	None	No	Binder
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
CANCER	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects	

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture. Residuals from the portland cement hydration process are listed below and there are no known impurities which are greater than 1,000 ppm.

UNDISCLOSED%: **1.0000 - 4.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Binder**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER**MAK**

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

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. There are no known impurities or residuals which are greater than 1,000 ppm.

UNDISCLOSED%: **0.5000 - 1.5000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Polymer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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. There are no known impurities or residuals which are greater than 1,000 ppm.

UNDISCLOSED%: **0.1000 - 0.5000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Cure Accelerator**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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. There are no known impurities or residuals which are greater than 1,000 ppm.

UNDISCLOSED%: **0.0300 - 0.1000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Defoamer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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. There are no known impurities or residuals which are greater than 1,000 ppm.

UNDISCLOSED

<p>HAZARDS:</p> <p>CANCER</p> <p>CANCER</p> <p>MULTIPLE</p> <p>CANCER</p> <p>CANCER</p>	<p>AGENCY(IES) WITH WARNINGS:</p> <p>EU - GHS (H-Statements)</p> <p>EU - REACH Annex XVII CMRs</p> <p>ChemSec - SIN List</p> <p>EU - Annex VI CMRs</p> <p>Australia - GHS</p>	<p>RC: None</p> <p>H350 - May cause cancer</p> <p>Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man</p> <p>CMR - Carcinogen, Mutagen &/or Reproductive Toxicant</p> <p>Carcinogen Category 1B - Presumed Carcinogen based on animal evidence</p> <p>H350 - May cause cancer</p>
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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. There are no known impurities or residuals which are greater than 1,000 ppm.

UNDISCLOSED

<p>HAZARDS:</p> <p>CANCER</p> <p>CANCER</p> <p>MULTIPLE</p> <p>CANCER</p> <p>CANCER</p>	<p>AGENCY(IES) WITH WARNINGS:</p> <p>EU - GHS (H-Statements)</p> <p>EU - REACH Annex XVII CMRs</p> <p>ChemSec - SIN List</p> <p>EU - Annex VI CMRs</p> <p>Australia - GHS</p>	<p>RC: None</p> <p>H350 - May cause cancer</p> <p>Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man</p> <p>CMR - Carcinogen, Mutagen &/or Reproductive Toxicant</p> <p>Carcinogen Category 1B - Presumed Carcinogen based on animal evidence</p> <p>H350 - May cause cancer</p>
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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. There are no known impurities or residuals which are greater than 1,000 ppm.

UNDISCLOSED

<p>HAZARDS:</p> <p>None Found</p>	<p>AGENCY(IES) WITH WARNINGS:</p> <p>No warnings found on HPD Priority lists</p>	<p>RC: None</p>
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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. There are no known impurities or residuals which are greater than 1,000 ppm.

TITANIUM DIOXIDE

ID: 13463-67-7

%: 0.0000 - 8.0000	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		
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value		
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture and intended color of grout. There are no known impurities or residuals which are greater than 1,000 ppm.

UNDISCLOSED

%: 0.0000 - 2.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Pigment
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture and intended color of grout. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards. There are no known impurities or residuals which are greater than 1,000 ppm.

UNDISCLOSED

%: 0.0000 - 2.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Pigment
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture and intended color of grout. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards. There are no known impurities or residuals which are greater than 1,000 ppm.

UNDISCLOSED

%: 0.0000 - 2.0000	GS: LT-P1	RC: None	NANO: No	ROLE: Pigment
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture and intended color of grout. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards. There are no known impurities or residuals which are greater than 1,000 ppm.

UNDISCLOSED%: **0.0000 - 2.0000**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Pigment**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagens (G) - generally accepted

CANCER

MAK

Carcinogen Group 2 - Considered to be carcinogenic for man

RESPIRATORY

MAK

Sensitizing Substance Sah - Danger of airway & skin sensitization

GENE MUTATION

MAK

Germ Cell Mutagen 3a

REPRODUCTIVE

Australia - GHS

H360F - May damage fertility

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture and intended color of grout. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards. There are no known impurities or residuals which are greater than 1,000 ppm.

UNDISCLOSED%: **0.0000 - 2.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Pigment**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture and intended color of grout. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards. There are no known impurities or residuals which are greater than 1,000 ppm.

CALCIUM CARBONATEID: **471-34-1**%: **0.0000**GS: **BM-3**RC: **None**NANO: **No**ROLE: **Residual/Impurity**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

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/or be less than 100ppm.

%: **Impurity/Residual** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

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/or be less than 100ppm.

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

UL GreenGuard Gold (1500 Grout)

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2009-**

EXPIRY DATE: **2017-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **Applies to All Facilities.**

07-07

12-09

Environment

CERTIFICATE URL:

<http://certificates.ulenvironment.com/default.aspx?id=2551&t=cs>

CERTIFICATION AND COMPLIANCE NOTES: **Meets LEED v4 Credit "Low Emitting Materials" Emissions and Content Requirements.**

VOC CONTENT

TDS 251 "Low VOC LATICRETE® Products"

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2016-**

EXPIRY DATE:

CERTIFIER OR LAB: **LATICRETE**

APPLICABLE FACILITIES: **Applies to all facilities.**

07-07

CERTIFICATE URL:

<https://www.laticrete.com/~media/support-and-downloads/technical-datasheets/tds251.ashx?la=en>

CERTIFICATION AND COMPLIANCE NOTES: **Meets LEED v4 Credit "Low Emitting Materials" Emissions and Content Requirements.**

LCA

LATICRETE Grout for Tile Installation Product Specific (Type III) Environmental Product Declaration

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2016-**

EXPIRY DATE: **2021-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **Applies to All Facilities in North America**

11-29

11-28

Environment

CERTIFICATE URL:

<https://laticrete.com/~media/environmental-product-data-sheets/cement-grout-for-tile-and-stone-installation.ashx?la=en>

CERTIFICATION AND COMPLIANCE NOTES: **Meets LEED v4 Credit "Building Product Disclosure and Optimization-Environmental Product Declarations" requirements as a Product Specific (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 OR LATICRETE 1776 GROUT ADMIX

HPD URL: **No HPD link provided**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Section 5: General Notes

LATICRETE® 1500 Sanded Grout meets the Living Building Challenge requirement that the product does not contain any of the Red Listed Materials or Chemicals. Specifically, LATICRETE 1500 Sanded Grout does not contain the following: •Alkylphenols •Asbestos •Bisphenol A (BPA) •Cadmium •Chlorinated Polyethylene & Chlorosulfonated Polyethylene •Chlorobenzenes •Chlorofluorocarbons (CFCs) & Hydrochlorofluorocarbons (HCFCs) •Chloroprene (Neoprene) •Chromium VI •Chlorinated Polyvinyl Chloride (CPVC) •Formaldehyde (all types - added) •Halogenated Flame Retardants (HFRs) •Lead (added) •Mercury •Polychlorinated Biphenyls (PCBs) •Perfluorinated Compounds (PFCs) •Phthalates •Polyvinyl Chloride (PVC) •Polyvinylidene Chloride (PVDC) •Short Chain Chlorinated Paraffins •Wood treatments containing Creosote, Arsenic or Pentachlorophenol. LATICRETE 1500 Sanded Grout also does not contain the following California-defined Group II toxic exempt solvents: •Methylene Chloride (Dichloromethane) •1,1,1-trichloroethane (methyl chloroform) •Trichlorofluoromethane (CFC-11) •Dichlorofluoromethane (CFC-12) •1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113) •1,2-dichloro-1,1,2,2-tetrafluoroethane (CFC-114) •Chloropentafluoroethane (CFC-115) •Cyclic, Branched or Linear, Completely Methylated Siloxanes •(VMS) •Tetrachloroethylene (perchloroethylene) •Ethylfluoride (HFC-161) •1,1,1,3,3,3-hexafluoropropane (HFC-236fa) •1,1,2,3,3-pentafluoropropane (HFC-245ca) •1,1,2,3,3-pentafluoropropane (HFC-245ea) •1,1,1,2,3-pentafluoropropane (HFC-245eb) •1,1,1,3,3-pentafluoropropane (HFC-245fa) •1,1,1,2,3,3-hexafluoropropane (HFC-236ea) •1,1,1,3,3-pentafluorobutane (HFC-365mfc) •chlorofluoromethane (HCFC-31) •1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a) •1 chloro-1-fluoroethane (HCFC-151a) Residuals and impurities are measured by quantitative methods and are only displayed when they are potentially greater than 1,000 ppm. Residuals of the hydration process of cement are listed in Section 2.



MANUFACTURER INFORMATION

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

CONTACT NAME: **Mitch Hawkins**
TITLE: **Technical Services Manager**
PHONE: **203-393-4619**
EMAIL: **wmhawkins@laticrete.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.