

CLASSIFICATION: 09 30 00

created via: HPDC Online Builder

PRODUCT DESCRIPTION: LATICRETE SPECTRALOCK PRO Premium Grout is a patented, high performance epoxy grout which offers excellent color uniformity, durability, stain protection, and beautiful, full grout joints in an easy-to-use, non-sag formula.

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.

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

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

LATICRETE SPECTRALOCK PRO PREMIUM GROUT [QUARTZ LT-1 | CAN UNDISCLOSED BM-4 BISPHENOL A DIGLYCIDYL ETHER (BADGE) LT-P1 | END PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER LT-P1 | MUL UNDISCLOSED LT-P1 | MUL UNDISCLOSED LT-P1 | END UNDISCLOSED LT-P1 | RES TETRAETHYLENEPENTAMINE LT-P1 | MAM | SKI | AQU | MUL DIAMINOPOLYPROPYLENE GLYCOL LT-P1 | MUL ALKYL (C12, C14) GLYCIDYL ETHER LT-P1 | SKI | MUL ETHYLENE GLYCOL BM-1 | MAM | DEL | END UNDISCLOSED LT-UNK | MAM | EYE | SKI UNDISCLOSED LT-P1 | END | MUL UNDISCLOSED NoGS]

INVENTORY AND SCREENING NOTES:

This HPD was created with Basic Inventory.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0.031 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 (SPECTRALOCK PRO Premium)
VOC content: TDS 251 "Low VOC LATICRETE® Products"

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2017-08-23
PUBLISHED DATE: 2017-08-23
EXPIRY DATE: 2020-08-23

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 SPECTRALOCK PRO PREMIUM 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

#: 50.0000 - 90.0000	GS: LT-1	RC: None	NANO: No	ROLE: 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	

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

UNDISCLOSED

#: 8.0000 - 14.0000	GS: BM-4	RC: None	NANO: No	ROLE: Diluent
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.

BISPHENOL A DIGLYCIDYL ETHER (BADGE)

ID: 25085-99-8

HAZARDS:	AGENCY(IES) WITH WARNINGS:
ENDOCRINE	EU - Priority Endocrine Disrupters Category 2 - In vitro evidence of biological activity related to Endocrine Disruption

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

PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER

ID: 28064-14-4

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

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

UNDISCLOSED

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

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

UNDISCLOSED

HAZARDS:	AGENCY(IES) WITH WARNINGS:
ENDOCRINE	TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

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

HAZARDS:	AGENCY(IES) WITH WARNINGS:
RESPIRATORY	AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only

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.

TETRAETHYLENEPENTAMINE

ID: 112-57-2

#: 0.1000 - 2.0000 GS: LT-P1 RC: None NANO: No ROLE: Hardener

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R21 - Harmful in Contact with Skin
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
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	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)	H314 - Causes severe skin burns and eye damage
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction

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

DIAMINOPOLYPROPYLENE GLYCOL

ID: 9046-10-0

#: 0.1000 - 1.0000 GS: LT-P1 RC: None NANO: No ROLE: Hardener

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

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

ALKYL (C12, C14) GLYCIDYL ETHER

ID: 68609-97-2

#: 0.1000 - 0.5000 GS: LT-P1 RC: None NANO: No ROLE: Resin

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

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

ETHYLENE GLYCOL

ID: 107-21-1

#: **0.1000 - 0.2000** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Freeze/Thaw Stabilizer**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

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

UNDISCLOSED

#: **0.0500 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Hardener**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation

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

#: **0.0500 - 0.2500** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Surfactant**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
ENDOCRINE	EU - Priority Endocrine Disruptors	Category 1 - In vivo evidence of Endocrine Disruption Activity
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters

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

#: **0.0100 - 0.0500** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Hardener**

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.

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 (SPECTRALOCK PRO Premium)

CERTIFYING PARTY: Third Party
ISSUE DATE: 2009-07-07
EXPIRY DATE: 2017-12-09
CERTIFIER OR LAB: UL Environment
APPLICABLE FACILITIES: Applies to All Facilities.
CERTIFICATE URL:
<http://certificates.ulenvironment.com/default.aspx?id=16608&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: 2016-07-07
EXPIRY DATE:
CERTIFIER OR LAB: LATICRETE
APPLICABLE FACILITIES: Applies to all facilities.
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.

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

LATICRETE® SPECTRALOCK® PRO Premium Grout does not meet Living Building Challenge requirements because it does contain a component which is found on the Red Listed Materials or Chemicals. Specifically, LATICRETE SPECTRALOCK PRO Premium Grout contains Bisphenol A Diglycidyl Ether (BADGE) as stated in Section 2 of this HPD.

Section 6: References

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.