

HPD UNIQUE IDENTIFIER: 22213

CLASSIFICATION: 09 30 00 Tiling

PRODUCT DESCRIPTION: LATICRETE® 125 TRI MAX® is a superior crack prevention and sound isolation adhesive mortar. Independently tested to ANSI A118.12 specification for crack isolation for ceramic tile and stone installations and independently tested to ASTM E2179 and ASTM E492 for impact sound isolation. LATICRETE 125 TRI MAX is a single component adhesive mortar which takes the place of costly time consuming membrane or mat systems by allowing for faster more effective tile or stone installations

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

| | | | |
|--|--|--|---|
| <p>Inventory Reporting Format</p> <p><input type="radio"/> Nested Materials Method</p> <p><input checked="" type="radio"/> Basic Method</p> <p>Threshold Disclosed Per</p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p> | <p>Threshold level</p> <p><input checked="" type="radio"/> 100 ppm</p> <p><input type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p> | <p>Residuals/Impurities</p> <p><input checked="" type="radio"/> Considered</p> <p><input type="radio"/> Partially Considered</p> <p><input type="radio"/> Not Considered</p> <p>Explanation(s) provided for Residuals/Impurities?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p> | <p><i>All Substances Above the Threshold Indicated Are:</i></p> <p>Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>% weight and role provided for all substances.</i></p> <p>Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances screened using Priority Hazard Lists with results disclosed.</i></p> <p>Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><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></p> |
|--|--|--|---|

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® 125 TRI MAX® [LIMESTONE, CALCIUM CARBONATE
LT-UNK STYRENE BUTADIENE RUBBER (SBR) LT-UNK
UNDISCLOSED LT-UNK HIGH-ALUMINA CEMENT LT-UNK
UNDISCLOSED LT-P1 CARBON BLACK BM-1 | CAN DISTILLATES
(PETROLEUM), SOLVENT-REFINED (MILD) HEAVY PARAFFINIC (9CI)
LT-1 | CAN | MUL UNDISCLOSED LT-P1 | CAN UNDISCLOSED LT-UNK
CELLULOSE, MICROCRYSTALLINE LT-UNK | RES UNDISCLOSED LT-
UNK | CAN UNDISCLOSED LT-P1 | MUL UNDISCLOSED NoGS
UNDISCLOSED LT-UNK UNDISCLOSED BM-1 | END | MUL
UNDISCLOSED BM-1 | DEV | PHY | MAM | END | MUL | REP
UNDISCLOSED LT-P1 | CAN | PHY | END | MUL | MAM | GEN
UNDISCLOSED LT-UNK | PHY | EYE MAGNESIUM LT-UNK
LIMESTONE, CALCIUM CARBONATE LT-UNK UNDISCLOSED LT-UNK
| CAN UNDISCLOSED BM-1 | CAN UNDISCLOSED BM-1 | CAN | PHY |
EYE | GEN | MUL | END | REP CALCIUM CARBONATE BM-3]

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:

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 (125 TRI MAX)

VOC content: TDS 251 "Low VOC LATICRETE Products"

LCA: LATICRETE Cement Mortar for Tile Installation Product Specific (Type III) Environmental Product Declaration

CONSISTENCY WITH OTHER PROGRAMS

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-05-

14

PUBLISHED DATE: 2020-10-

07

EXPIRY DATE: 2023-05-14

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

LATICRETE® 125 TRI MAX®

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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

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

LIMESTONE, CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-05-14

#: 20.0000 - 28.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Binder

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

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

STYRENE BUTADIENE RUBBER (SBR)

ID: 9003-55-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-05-14

#: 18.0000 - 28.0000

GS: LT-UNK

RC: PostC

NANO: No

SUBSTANCE ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

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

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-05-14

#: 18.0000 - 28.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Polymer species

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority 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.

HIGH-ALUMINA CEMENT

ID: 65997-16-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-14**

#: **10.0000 - 15.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Binder**

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

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

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-14**

#: **8.0000 - 15.0000**

GS: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Polymer species**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority 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.

CARBON BLACK

ID: **1333-86-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-14**

#: **6.0000 - 12.0000**

GS: **BM-1**

RC: **PostC**

NANO: **No**

SUBSTANCE ROLE: **Filler**

| HAZARD TYPE | AGENCY AND LIST TITLES | 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: The amount of this component may vary based on plant of manufacture.

DISTILLATES (PETROLEUM), SOLVENT-REFINED (MILD) HEAVY PARAFFINIC (9CI)

ID: **64741-88-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-14**

#: **2.0000 - 4.0000**

GS: **LT-1**

RC: **PostC**

NANO: **No**

SUBSTANCE ROLE: **Filler**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|----------------------------|--|
| CANCER | EU - GHS (H-Statements) | H350 - May cause cancer |
| CANCER | EU - REACH Annex XVII CMRs | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man |
| MULTIPLE | ChemSec - SIN List | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant |
| CANCER | EU - Annex VI CMRs | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence |
| CANCER | GHS - Australia | H350 - May cause cancer |

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

UNDISCLOSED

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-05-14 | | |
|---|------------------------|--|-----------------|---|
| #: 0.4000 - 0.5000 | GS: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Viscosity modifier |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| CANCER | GHS - Japan | Carcinogenicity - Category 1A [H350] | | |

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

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-05-14 | | |
|---|------------------------|--|-----------------|-------------------------------|
| #: 0.3000 - 0.4000 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Binder |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority 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.

CELLULOSE, MICROCRYSTALLINE

ID: **9004-34-6**

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-05-14 | | |
|---|------------------------|--|-----------------|---|
| #: 0.2500 - 0.5000 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Viscosity modifier |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| RESPIRATORY | AOEC - Asthmagens | Asthmagen (Rs) - sensitizer-induced | | |

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

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-05-14**

%: **0.1000 - 0.2000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

| HAZARD TYPE | AGENCY AND LIST TITLES | 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.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-05-14**

%: **0.1000 - 0.1500** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Processing regulator**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|---|-----------------------------------|
| 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

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-05-14**

%: **0.0500 - 0.1000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority 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.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-05-14**

%: **0.0100 - 0.0200** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Processing regulator**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority 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.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-05-14**

#: 0.0100 - 0.0250

GS: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Biocide

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|---|-----------------------------------|
| 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

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-05-14**

#: 0.0100 - 0.0500

GS: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Binder

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|----------------------------|--|--|
| DEVELOPMENTAL | CA EPA - Prop 65 | Developmental toxicity |
| DEVELOPMENTAL | US NIH - Reproductive & Developmental Monographs | Clear Evidence of Adverse Effects - Developmental Toxicity |
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements) | H225 - Highly flammable liquid and vapour |
| MAMMALIAN | EU - GHS (H-Statements) | H301 - Toxic if swallowed |
| MAMMALIAN | EU - GHS (H-Statements) | H311 - Toxic in contact with skin |
| MAMMALIAN | EU - GHS (H-Statements) | H331 - Toxic if inhaled |
| ORGAN TOXICANT | EU - GHS (H-Statements) | H370 - Causes damage to organs |
| ENDOCRINE | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| REPRODUCTIVE | GHS - Japan | Toxic to reproduction - Category 1B [H360] |

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

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-05-14**

#: 0.0100 - 0.1000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Binder

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|----------------------------|---|--|
| CANCER | IARC | Group 2b - Possibly carcinogenic to humans |
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements) | H225 - Highly flammable liquid and vapour |
| CANCER | EU - GHS (H-Statements) | H351 - Suspected of causing cancer |
| ENDOCRINE | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CANCER | MAK | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value |
| MAMMALIAN | US EPA - EPCRA Extremely Hazardous Substances | Extremely Hazardous Substances |
| GENE MUTATION | GHS - New Zealand | 6.6A - Known or presumed human mutagens |

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

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-05-14 | | |
|---|-------------------------|---|-----------------|-------------------------------|
| #: 0.0100 - 0.1000 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Binder |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements) | H225 - Highly flammable liquid and vapour | | |
| 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.

MAGNESIUM

ID: **1327-43-1**

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-05-14 | | |
|---|------------------------|--|-----------------|--|
| #: Impurity/Residual | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Impurity/Residual |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard 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 100 ppm.

LIMESTONE, CALCIUM CARBONATE

ID: **1317-65-3**

| | | | | |
|---|-------------------|--|-----------------|--|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-05-14 | | |
| #: Impurity/Residual | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Impurity/Residual |

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|---|------------------------|--|
| None found | | No warnings found on HPD Priority Hazard 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 100 ppm. | | |

UNDISCLOSED

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-05-14 |
|--|------------------------|--|
| #: 0.0050 - 0.0200 | GS: LT-UNK | RC: None NANO: No SUBSTANCE ROLE: Filler |
| HAZARD TYPE | AGENCY AND LIST TITLES | 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. | | |

UNDISCLOSED

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-05-14 |
|--|------------------------|--|
| #: 0.0050 - 0.0200 | GS: BM-1 | RC: None NANO: No SUBSTANCE ROLE: Plasticizer |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
| CANCER | GHS - Japan | Carcinogenicity - Category 1A [H350] |
| CANCER | GHS - Australia | H350i - May cause cancer by inhalation |
| 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

| | | |
|---|-----------------|---|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-05-14 |
| #: 0.0001 - 0.1000 | GS: BM-1 | RC: None NANO: No SUBSTANCE ROLE: Binder |

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|----------------------------|---------------------------------------|--|
| CANCER | US EPA - IRIS Carcinogens | (1986) Group B2 - Probable human Carcinogen |
| CANCER | IARC | Group 1 - Agent is Carcinogenic to humans |
| CANCER | IARC | Group 2b - Possibly carcinogenic to humans |
| CANCER | CA EPA - Prop 65 | Carcinogen |
| CANCER | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CANCER | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements) | H224 - Extremely flammable liquid and vapour |
| EYE IRRITATION | EU - GHS (H-Statements) | H319 - Causes serious eye irritation |
| GENE MUTATION | EU - GHS (H-Statements) | H341 - Suspected of causing genetic defects |
| CANCER | EU - GHS (H-Statements) | H350 - May cause cancer |
| MULTIPLE | ChemSec - SIN List | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant |
| ENDOCRINE | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| CANCER | MAK | Carcinogen Group 5 - Genotoxic carcinogen with very slight risk under MAK/BAT levels |
| CANCER | EU - Annex VI CMRs | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence |
| GENE MUTATION | GHS - New Zealand | 6.6A - Known or presumed human mutagens |
| CANCER | GHS - Japan | Carcinogenicity - Category 1A [H350] |
| CANCER | GHS - Japan | Carcinogenicity - Category 1B [H350] |
| REPRODUCTIVE | GHS - Japan | Toxic to reproduction - Category 1A [H360] |
| REPRODUCTIVE | GHS - Japan | Toxic to reproduction - Category 1B [H360] |

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

CALCIUM CARBONATE

ID: 471-34-1

| | |
|---|--|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | HAZARD SCREENING DATE: 2020-05-14 |
| %: Impurity/Residual | GS: BM-3 |
| | RC: None |
| | NANO: No |
| | SUBSTANCE ROLE: Impurity/Residual |

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority Hazard 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 100 ppm.

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 (125 TRI MAX) | | |
|---|-----------------------------|-------------------------|----------------------------------|
| CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Applies to All Facilities. CERTIFICATE URL: http://certificates.greenguard.org/default.aspx?id=166105&t=cs& | ISSUE DATE: 2020-04-23 | EXPIRY DATE: 2021-07-09 | 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 | TDS 251 "Low VOC LATICRETE Products" | | |
|---|--------------------------------------|--------------|-----------------------------|
| 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: 2020-08-12 | EXPIRY DATE: | CERTIFIER OR LAB: LATICRETE |
| CERTIFICATION AND COMPLIANCE NOTES: Meets LEED v4.1 Credit "Low Emitting Materials" VOC Content Requirements per SCAQMD Rule 1168 (Tile Adhesive). | | | |

| LCA | LATICRETE Cement Mortar for Tile Installation Product Specific (Type III) Environmental Product Declaration | | |
|---|---|-------------------------|----------------------------------|
| CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Applies to All Facilities. CERTIFICATE URL: https://cdn.laticrete.com/~media/environmental-product-data-sheets/cement-mortar-for-tile-installation.ashx | ISSUE DATE: 2016-11-29 | EXPIRY DATE: 2021-11-28 | CERTIFIER OR LAB: UL Environment |
| CERTIFICATION AND COMPLIANCE NOTES: Meets LEED v4.1 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 | HPD URL: No HPD Available |
|--|---------------------------|
| CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: LATICRETE® 125 TRI-MAX to be mixed with water only following mix ratio and directions as stated in the product data sheet. | |

Section 5: General Notes

LATICRETE® 125 TRI MAX® meets the Living Building Challenge v4.0 requirement that the product does not contain any of the Red Listed Materials or Chemicals. Specifically, LATICRETE 125 TRI MAX 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), Polyvinylidene 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.

MANUFACTURER INFORMATION

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

CONTACT NAME: Mitch Hawkins
TITLE: Senior Manager, 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 | 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.