

CLASSIFICATION: 09 30 00

PRODUCT DESCRIPTION: A highly chemical resistant, industrial grade epoxy grout for ceramic tile, pavers, floor brick, packing house tile, and stone. LATICRETE® SPECTRALOCK® 2000 IG is supplied as factory proportioned kits consisting of epoxy resin, hardener, and silica filler.

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

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No
% weight and role provided for all substances.

Screened Yes Ex/SC Yes No
All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No
One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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 SPECTRALOCK 2000 IG [QUARTZ LT-1 | CAN
FORMALDEHYDE, POLYMER WITH 2-(CHLOROMETHYL)OXIRANE AND
PHENOL LT-P1 | MUL FATTY ACIDS, TALL-OIL, REACTION PRODUCTS
WITH TETRAETHYLENEPENTAMINE LT-P1 | MUL SODIUM SILICATE
(SODIUM SILICATE) LT-P1 | END EPICHLOROHYDRIN-BISPHENOL A
RESIN LT-P1 | AQU | SKI | EYE | MUL TETRAETHYLENEPENTAMINE LT-P1 |
AQU | SKI | MUL UNDISCLOSED LT-UNK | SKI | EYE ISOPHORONE
DIAMINE LT-P1 | SKI | MUL BENZYL ALCOHOL BM-2 STODDARD
SOLVENT LT-1 | MAM | GEN | CAN | MUL AROMATIC NAPHTHA, TYPE 1
LT-1 | MAM | GEN | CAN | MUL | END UNDISCLOSED NoGS UNDISCLOSED
LT-UNK UNDISCLOSED BM-1 | MUL | END UNDISCLOSED LT-UNK
UNDISCLOSED BM-1 | SKI | END | MUL | REP TITANIUM DIOXIDE LT-1 |
CAN | END CALCIUM CARBONATE BM-3 LIMESTONE; CALCIUM
CARBONATE LT-UNK AMINOETHYLPIPERAZINE LT-P1 | SKI | MUL 4-
NONYLPHENOL (BRANCHED) LT-1 | PBT | END | MUL | AQU | SKI | REP |
DEL UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | MUL
EPICHLOROHYDRIN-BISPHENOL A RESIN LT-P1 | AQU | SKI | EYE | MUL]

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): 0.80

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 (2000 IG)

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: 2020-03-16

PUBLISHED DATE: 2020-05-11

EXPIRY DATE: 2023-03-16



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 2.1.1, available on the HPDC website at: www.hpdc-collaborative.org/hpd-2-1-1-standard

LATICRETE SPECTRALOCK 2000 IG

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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-03-16

#: 65.00 - 75.00

GS: LT-1

RC: None

NANO: No

ROLE: Aggregate and Color

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|-----------------------------------|---|
| CANCER | IARC | Group 1 - Agent is Carcinogenic to humans |
| CANCER | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CANCER | CA EPA - Prop 65 | Carcinogen - specific to chemical form or exposure route |
| CANCER | IARC | Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources |
| CANCER | US NIH - Report on Carcinogens | Known to be Human Carcinogen (respirable size - occupational setting) |
| CANCER | MAK | Carcinogen Group 1 - Substances that cause cancer in man |
| CANCER | GHS - New Zealand | 6.7A - Known or presumed human carcinogens |
| 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.

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

ID: 9003-36-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-03-16

#: 9.00 - 16.00

GS: LT-P1

RC: None

NANO: No

ROLE: Resin

| HAZARD TYPE | AGENCY AND LIST TITLES | 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.

FATTY ACIDS, TALL-OIL, REACTION PRODUCTS WITH TETRAETHYLENAPENTAMINE

ID: 68953-36-6

| | | | | |
|---|--|-----------------|-----------------|---------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | HAZARD SCREENING DATE: 2020-03-16 | | | |
| %: 6.00 - 10.00 | GS: LT-P1 | RC: None | NANO: No | ROLE: Curing Agent |

| HAZARD TYPE | AGENCY AND LIST TITLES | 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.

SODIUM SILICATE (SODIUM SILICATE)

ID: 1344-09-8

| | | | | |
|---|--|-----------------|-----------------|----------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | HAZARD SCREENING DATE: 2020-03-16 | | | |
| %: 0.50 - 2.00 | GS: LT-P1 | RC: None | NANO: No | ROLE: Pigment |

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|---------------------------------------|-------------------------------|
| ENDOCRINE | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |

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

EPICHLOROHYDRIN-BISPHENOL A RESIN

ID: 25068-38-6

| | | | | |
|---|--|-----------------|-----------------|--------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | HAZARD SCREENING DATE: 2020-03-16 | | | |
| %: 0.50 - 3.00 | GS: LT-P1 | RC: None | NANO: No | ROLE: Resin |

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-----------------|---|--|
| CHRON AQUATIC | EU - GHS (H-Statements) | H411 - Toxic to aquatic life with long lasting effects |
| SKIN IRRITATION | EU - GHS (H-Statements) | H315 - Causes skin irritation |
| SKIN SENSITIZE | EU - GHS (H-Statements) | H317 - May cause an allergic skin reaction |
| EYE IRRITATION | EU - GHS (H-Statements) | H319 - Causes serious eye irritation |
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |

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

TETRAETHYLENEPENTAMINE

ID: 112-57-2

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

HAZARD SCREENING DATE: **2020-03-16**

#: **0.30 - 1.50**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Curing Agent**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-----------------|---|--|
| 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 |
| SKIN SENSITIZE | EU - GHS (H-Statements) | H317 - May cause an allergic skin reaction |
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |

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: **2020-03-16**

#: **0.20 - 0.50**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Epoxy Modifier**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-----------------|-------------------------|---|
| SKIN IRRITATION | EU - GHS (H-Statements) | H315 - Causes skin irritation |
| SKIN SENSITIZE | EU - GHS (H-Statements) | H317 - May cause an allergic skin reaction |
| EYE IRRITATION | EU - GHS (H-Statements) | H319 - Causes serious eye irritation |
| SKIN SENSITIZE | MAK | Sensitizing Substance Sh - Danger of skin sensitization |

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

ISOPHORONE DIAMINE

ID: 2855-13-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-16**%: **0.10 - 0.50**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Curing Agent**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-----------------|---|---|
| SKIN IRRITATION | EU - GHS (H-Statements) | H314 - Causes severe skin burns and eye damage |
| SKIN SENSITIZE | EU - GHS (H-Statements) | H317 - May cause an allergic skin reaction |
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| SKIN SENSITIZE | MAK | Sensitizing Substance Sh - Danger of skin sensitization |

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

BENZYL ALCOHOL

ID: 100-51-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-16**%: **0.10 - 0.50**GS: **BM-2**RC: **None**NANO: **No**ROLE: **Curing Agent**

| 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.

STODDARD SOLVENT

ID: 8052-41-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-16**%: **0.05 - 0.30**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Air Release Agent**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|----------------|---|--|
| MAMMALIAN | EU - GHS (H-Statements) | H304 - May be fatal if swallowed and enters airways |
| GENE MUTATION | EU - GHS (H-Statements) | H340 - May cause genetic defects |
| CANCER | EU - GHS (H-Statements) | H350 - May cause cancer |
| ORGAN TOXICANT | EU - GHS (H-Statements) | H372 - Causes damage to organs through prolonged or repeated exposure |
| CANCER | EU - REACH Annex XVII CMRs | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man |
| GENE MUTATION | EU - REACH Annex XVII CMRs | Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man |
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CANCER | EU - Annex VI CMRs | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence |
| GENE MUTATION | EU - Annex VI CMRs | Mutagen - Category 1B |
| GENE MUTATION | GHS - Malaysia | H340 - May cause genetic defects |
| CANCER | GHS - Malaysia | H350 - May cause cancer |
| GENE MUTATION | GHS - Australia | H340 - May cause genetic defects |
| CANCER | GHS - Australia | H350 - May cause cancer |

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

AROMATIC NAPHTHA, TYPE 1

ID: 64742-95-6

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

HAZARD SCREENING DATE: **2020-03-16**

#: **0.05 - 0.30**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Solvent**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|---------------|---|--|
| MAMMALIAN | EU - GHS (H-Statements) | H304 - May be fatal if swallowed and enters airways |
| GENE MUTATION | EU - GHS (H-Statements) | H340 - May cause genetic defects |
| 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 |
| GENE MUTATION | EU - REACH Annex XVII CMRs | Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man |
| MULTIPLE | ChemSec - SIN List | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant |
| ENDOCRINE | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters |
| CANCER | EU - Annex VI CMRs | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence |
| GENE MUTATION | EU - Annex VI CMRs | Mutagen - Category 1B |
| GENE MUTATION | GHS - Australia | H340 - May cause genetic defects |
| 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: **2020-03-16**

#: **0.05 - 0.25**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Rheology Modifier**

| 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: **2020-03-16**

#: **0.02 - 0.05**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **UV Stabilizer**

| 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 the 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: **2020-03-16**

#: **0.01 - 0.01** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Anti-Microbial**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 3 - Severe Hazard to Waters

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: The amount of this component may vary based on the 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: **2020-03-16**

#: **0.00 - 0.01** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Air Release Agent**

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 the 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: **2020-03-16**

#: **0.00 - 0.01** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Solvent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

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 the 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.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-16**%: **0.00 - 6.00** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Pigment**

| 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 |
| ENDOCRINE | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| CANCER | MAK | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value |
| CANCER | MAK | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels |

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

CALCIUM CARBONATE

ID: 471-34-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-16**%: **Impurity/Residual** GS: **BM-3** RC: **None** NANO: **No** 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 less than 100 ppm.

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-16**%: **Impurity/Residual** GS: **LT-UNK** RC: **None** NANO: **No** 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 100ppm.

AMINOETHYLPIPERAZINE

ID: 140-31-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-16**

%: **0.00 - 1.00**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Curing Agent**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-----------------|---|--|
| SKIN IRRITATION | EU - GHS (H-Statements) | H314 - Causes severe skin burns and eye damage |
| SKIN SENSITIZE | EU - GHS (H-Statements) | H317 - May cause an allergic skin reaction |
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |

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

4-NONYLPHENOL (BRANCHED)

ID: **84852-15-3**

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

HAZARD SCREENING DATE: **2020-03-16**

%: **0.00 - 0.10**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Cure Accelerator**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-----------------|--|--|
| PBT | OSPAR - Priority PBTs & EDs & equivalent concern | PBT - Substance of Possible Concern |
| ENDOCRINE | OSPAR - Priority PBTs & EDs & equivalent concern | Endocrine Disruptor - Chemical for Priority Action |
| RESTRICTED LIST | US EPA - PPT Chemical Action Plans | EPA Chemical of Concern - Action Plan published |
| RESTRICTED LIST | US EPA - PPT Chemical Action Plans | TSCA Work Plan chemical - Action Plan in development |
| ACUTE AQUATIC | EU - GHS (H-Statements) | H400 - Very toxic to aquatic life |
| CHRON AQUATIC | EU - GHS (H-Statements) | H410 - Very toxic to aquatic life with long lasting effects |
| SKIN IRRITATION | EU - GHS (H-Statements) | H314 - Causes severe skin burns and eye damage |
| REPRODUCTIVE | EU - GHS (H-Statements) | H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child |
| MULTIPLE | ChemSec - SIN List | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant |
| PBT | ChemSec - SIN List | PBT / vPvB (Persistent, Bioaccumulative, & Toxic / very Persistent & very Bioaccumulative) |
| 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 |
| REPRODUCTIVE | US EPA - PPT Chemical Action Plans | Reproductive effects |
| CHRON AQUATIC | US EPA - PPT Chemical Action Plans | Highly toxic to aquatic organisms |
| DEVELOPMENTAL | US EPA - PPT Chemical Action Plans | Developmental Effects |
| ENDOCRINE | EU - SVHC Authorisation List | Equivalent Concern - Candidate List |

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: **2020-03-16**

#: **0.00 - 2.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Thickener**

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: **2020-03-16**

#: **0.00 - 0.05** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Thickener**

HAZARD TYPE

AGENCY AND LIST TITLES

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. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS # was used to identify associated hazards.

EPICHLOROHYDRIN-BISPHENOL A RESIN

ID: **25068-38-6**

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

HAZARD SCREENING DATE: **2020-03-16**

#: **Impurity/Residual** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CHRON AQUATIC

EU - GHS (H-Statements)

H411 - Toxic to aquatic life with long lasting effects

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

SKIN SENSITIZE

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: 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 (2000 IG)

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2009-**

EXPIRY DATE: **2019-**

CERTIFIER OR LAB: **UL**

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

07-07

12-09

Environment

CERTIFICATE URL:

<http://certificates.ulenvironment.com/default.aspx?id=9553&t=cs>

CERTIFICATION AND COMPLIANCE NOTES: **Meets LEED v4 Credit "Low Emitting Materials" Emissions Requirements. This product was tested in accordance with California Department of Public Health (CDPH) v1.2-2017 in an office and classroom environment.**

VOC CONTENT

TDS 251 "Low VOC LATICRETE® Products"

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2018-**

EXPIRY DATE:

CERTIFIER OR LAB: **LATICRETE**

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

12-18

CERTIFICATE URL:

https://www.laticrete.com/~/_/media/support-and-downloads/technical-datasheets/tds251.ashx

CERTIFICATION AND COMPLIANCE NOTES: **Meets LEED v4 Credit "Low Emitting Materials" VOC Content Requirements per SCAQMD Rule 1168 (Tile Adhesive).**

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® 2000 IG does not meet Living Building Challenge v4.0 requirements because it does contain a component which is found on the Red Listed Materials or Chemicals. Specifically, LATICRETE SPECTRALOCK 2000 IG contains Epichlorohydrin-Bisphenol A Resin as stated in Section 2 of this HPD in an amount greater than the LBC Small Component Clause maximum threshold.



MANUFACTURER INFORMATION

MANUFACTURER: **LATICRETE International**
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Bethany CT 06524, USA
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KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

| | | |
|---------------------------------------|--|--|
| AQU Aquatic toxicity | 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.