

CLASSIFICATION: 09 30 00

PRODUCT DESCRIPTION: LATAPOXY 300 Adhesive is a chemical resistant, epoxy adhesive that will bond to most sound, clean surfaces. Adhesive spreads easily and cleans with water while fresh. LATAPOXY 300 Adhesive is a factory-proportioned kit consisting of epoxy resin, hardener and chemical resistant 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

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

LATAPOXY® 300 ADHESIVE [UNDISCLOSED NoGS QUARTZ LT-1 | CAN
BISPHENOL A DIGLYCIDYL ETHER (BADGE) LT-P1 | END FATTY ACIDS, TALL-OIL,
REACTION PRODUCTS WITH TETRAETHYLENEPENTAMINE LT-P1 | MUL CALCIUM
CARBONATE BM-3 FORMALDEHYDE, POLYMER WITH 2-
(CHLOROMETHYL)OXIRANE AND PHENOL LT-P1 | MUL ALKYL (C12, C14)
GLYCIDYL ETHER LT-P1 | SKI | MUL TETRAETHYLENEPENTAMINE LT-P1 | AQU |
SKI | MUL TITANIUM DIOXIDE LT-1 | CAN | END UNDISCLOSED LT-P1 | END 2,4,6-
TRI(DIMETHYLAMINOMETHYL)PHENOL LT-UNK | SKI | EYE
AMINOETHYLPIPERAZINE LT-P1 | SKI | MUL UNDISCLOSED LT-P1 | MUL
UNDISCLOSED NoGS]

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): 0.80 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 (LATAPOXY 300)
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: 2018-08-06

PUBLISHED DATE: 2018-08-06

EXPIRY DATE: 2021-08-06



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

LATAPOXY® 300 ADHESIVE

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.

UNDISCLOSED

%: 35.0000 - 42.0000	GS: NoGS	RC: None	NANO: No	ROLE: Filler
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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 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.

QUARTZ

ID: 14808-60-7

%: 22.0000 - 30.0000	GS: LT-1	RC: None	NANO: No	ROLE: Filler
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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 the plant of manufacture.

BISPHENOL A DIGLYCIDYL ETHER (BADGE)

ID: 25085-99-8

%: 10.0000 - 16.0000

GS: LT-P1

RC: None

NANO: No

ROLE: Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

EU - Priority Endocrine Disruptors

Category 2 - In vitro evidence of biological activity related to Endocrine Disruption

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

FATTY ACIDS, TALL-OIL, REACTION PRODUCTS WITH TETRAETHYLENEPENTAMINE

ID: 68953-36-6

%: 6.0000 - 9.0000

GS: LT-P1

RC: None

NANO: No

ROLE: Curing Agent

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 the plant of manufacture.

CALCIUM CARBONATE

ID: 471-34-1

%: 4.0000 - 7.0000

GS: BM-3

RC: None

NANO: No

ROLE: Rheology Modifier

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 the plant of manufacture.

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

ID: 9003-36-5

%: 2.0000 - 4.0000

GS: LT-P1

RC: None

NANO: No

ROLE: Resin

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 the plant of manufacture.

ALKYL (C12, C14) GLYCIDYL ETHER

ID: 68609-97-2

%: 1.0000 - 4.0000

GS: LT-P1

RC: None

NANO: No

ROLE: Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

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 the plant of manufacture.

TETRAETHYLENEPENTAMINE

ID: 112-57-2

%: 0.5000 - 1.5000	GS: LT-P1	RC: None	NANO: No	ROLE: Curing Agent
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HAZARDS:

AGENCY(IES) WITH 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 the plant of manufacture.

TITANIUM DIOXIDE

ID: 13463-67-7

%: 0.5000 - 1.5000	GS: LT-1	RC: None	NANO: No	ROLE: Pigment
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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 the plant of manufacture.

UNDISCLOSED

%: 0.3000 - 0.4000	GS: LT-P1	RC: None	NANO: No	ROLE: Filler
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
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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.

2,4,6-TRI(DIMETHYLAMINOMETHYL)PHENOL

ID: 90-72-2

%: 0.2000 - 0.6000	GS: LT-UNK	RC: None	NANO: No	ROLE: Curing Agent
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

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 the plant of manufacture.

AMINOETHYLPIPERAZINE

ID: 140-31-8

%: **0.1000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Curing Agent**

HAZARDS:

AGENCY(IES) WITH 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 the plant of manufacture.

UNDISCLOSED%: **0.0500 - 0.1000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Thickener**

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 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%: **0.0100 - 0.0300** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Curing Agent**

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 the plant of manufacture.

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 (LATAPOXY 300)

CERTIFYING PARTY: **Third Party**

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

CERTIFICATE URL: [https://spot.ulprospector.com/documents/1446221.pdf?](https://spot.ulprospector.com/documents/1446221.pdf?bs=31935&b=677086&st=1&sl=43209904&crit=a2V5d29yZDpbTEFUSUNSRVRFXQ%3d%3d&k=LATICRETE)

[bs=31935&b=677086&st=1&sl=43209904&crit=a2V5d29yZDpbTEFUSUNSRVRFXQ%3d%3d&k=LATICRETE](https://spot.ulprospector.com/documents/1446221.pdf?bs=31935&b=677086&st=1&sl=43209904&crit=a2V5d29yZDpbTEFUSUNSRVRFXQ%3d%3d&k=LATICRETE)

ISSUE DATE: EXPIRY DATE: CERTIFIER OR

DATE: DATE: LAB: **UL**

2009- 2017- Environment

07-07 12-09

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**

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

CERTIFICATE URL:

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

ISSUE DATE: **2016-07-07** EXPIRY DATE:

CERTIFIER OR LAB: **LATICRETE**

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

LATAPOXY® 300 Adhesive does not meet Living Building Challenge requirements because it does contain a component which is found on the Red Listed Materials or Chemicals. Specifically, LATAPOXY 300 Adhesive 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.