

L&M™ TRAP ROCK™  
by LATICRETE International

HPD UNIQUE IDENTIFIER: 265547987224576  
HPD UNIQUE PRODUCT ID: Not provided.  
CLASSIFICATION: 03 35 00 Concrete Finishing  
PRODUCT TYPE: Floor Treatment Products, Hardeners  
PRODUCT DESCRIPTION: L&M™ TRAP ROCK™ is a dry-shake concrete hardener made from a combination of 100% graded trap rock and portland cement. It is a polyhedral shaped, abrasion resistant, chemically inert, non-absorbent aggregate produced from igneous rock.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

|                                              |                                                |                                                                            |
|----------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------|
| Inventory Reporting Format<br>→ Basic Method | Residuals/Impurities Evaluation<br>→ Completed | For all contents above the threshold, the manufacturer has:                |
| Threshold Disclosed Per<br>→ Product         | Explanation(s) provided :<br>Yes               | Characterized<br>Provided weight and role.<br>Yes                          |
| Threshold Level<br>→ 100 ppm                 |                                                | Screened<br>Provided screening results using HPDC-approved methods.<br>Yes |
|                                              |                                                | Identified<br>Provided name and CAS RN or other identifier.<br>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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY  
GREENSCREEN SCORE | HAZARD TYPE  
L&M™ TRAP ROCK™ [ QUARTZ BM-1 \* ] CAN | MAM | GEN  
PORTLAND CEMENT LT-P1 ] CAN | END | MAM | EYE | SKI  
UNDISCLOSED LT-UNK UNDISCLOSED LT-1 ] CAN | MUL | DEV ]

Number of Greenscreen BM-4/BM3 contents ... 0  
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, 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.

\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

PFAS DETAILS:

This product does not contain intentionally added PFAS, but it is unknown if PFAS is contained in materials or substances from suppliers.

Attestation:

Mitch Hawkins

2026-03-16

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0.0 Regulatory (g/l): N/A  
Does the product contain exempt VOCs: No  
Are colorants available that do not increase the VOC content of the base paint when tinted: N/A

COMPLIANCE See Section 3 for additional listings.

VOC emissions: CDPH Standard Method - Not tested  
VOC content: EPA Method 24 - Volatile Matter Content (EPA 24)

CONSISTENCY WITH OTHER PROGRAMS



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 3.0, available on the HPDC website at: [www.hpd-collaborative.org/hpd-3-0-standard](http://www.hpd-collaborative.org/hpd-3-0-standard)

L&M™ TRAP ROCK™

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: 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](http://www.laticrete.com) for occupational exposure information.

QUARTZ

ID: 14808-60-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-03-16 13:53:05

%: 60.0000 - 70.0000

GreenScreen: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Filler

| HAZARD TYPE | LIST NAME AND SOURCE              | WARNINGS                                                                                                                                                    |
|-------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAN         | US CDC - Occupational Carcinogens | Occupational Carcinogen**                                                                                                                                   |
| CAN         | CA EPA - Prop 65                  | Carcinogen - specific to chemical form or exposure route**                                                                                                  |
| CAN         | US NIH - Report on Carcinogens    | Known to be Human Carcinogen (respirable size - occupational setting)**                                                                                     |
| CAN         | MAK                               | Carcinogen Group 1 - Substances that cause cancer in man**                                                                                                  |
| CAN         | IARC                              | Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources**                                                                             |
| CAN         | IARC                              | Group 1 - Agent is Carcinogenic to humans**                                                                                                                 |
| CAN         | US NIH - Report on Carcinogens    | Known to be a human Carcinogen**                                                                                                                            |
| CAN         | GHS - Japan                       | H350 - May cause cancer [Carcinogenicity - Category 1A]**                                                                                                   |
| CAN         | GHS - Australia                   | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]**                                                                              |
| CAN         | GHS - New Zealand                 | Carcinogenicity category 1**                                                                                                                                |
| MAM         | GHS - Japan                       | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]** |
| GEN         | GHS - Japan                       | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]**                                                                         |
| MAM         | GHS - Australia                   | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]**                   |
| MAM         | GHS - New Zealand                 | Specific target organ toxicity - repeated exposure category 1**                                                                                             |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                 |
|---------------------|----------------------|----------------------------------------------|
| None found          |                      | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture. Contains no respirable silica levels that exceed the OSHA action level.

\*\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

This substance is part of a powder or aerosol; however, its potential for respiration is limited, as demonstrated by this [report or certification](#)

|                                                           |                    |          |                                            |                        |  |
|-----------------------------------------------------------|--------------------|----------|--------------------------------------------|------------------------|--|
| PORTLAND CEMENT                                           |                    |          | ID: 65997-15-1                             |                        |  |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                    |          | HAZARD SCREENING DATE: 2026-03-16 13:53:06 |                        |  |
| %: 30.0000 - 40.0000                                      | GreenScreen: LT-P1 | RC: None | NANO: No                                   | SUBSTANCE ROLE: Binder |  |

| HAZARD TYPE         | LIST NAME AND SOURCE                  | WARNINGS                                                                                                                                                  |
|---------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAN                 | MAK                                   | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification                                                              |
| END                 | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor                                                                                                                             |
| MAM                 | GHS - Japan                           | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                                                   |
| MAM                 | GHS - Japan                           | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| EYE                 | GHS - Japan                           | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]                                                                       |
| SKI                 | GHS - Japan                           | H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]                                                                 |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                  | NOTIFICATION                                                                                                                                              |
| None found          |                                       | No listings found on Additional Hazard Lists                                                                                                              |

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture. Portland cement does contain quartz which is a form specific material. This product contains no respirable silica levels that exceed the OSHA action level.

|                                                                                                                                                                                                                                                                 |                      |          |                                                |                        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------|------------------------------------------------|------------------------|--|
| UNDISCLOSED                                                                                                                                                                                                                                                     |                      |          |                                                | ID: Undisclosed        |  |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                                                                                                                                                                                                       |                      |          | HAZARD SCREENING DATE: 2026-03-16 13:53:06     |                        |  |
| %: 1.0000 - 3.0000                                                                                                                                                                                                                                              | GreenScreen: LT-UNK  | RC: PreC | NANO: No                                       | SUBSTANCE ROLE: Binder |  |
| HAZARD TYPE                                                                                                                                                                                                                                                     | LIST NAME AND SOURCE |          | WARNINGS                                       |                        |  |
| None found                                                                                                                                                                                                                                                      |                      |          | No warnings found on HPD Priority Hazard Lists |                        |  |
| ADDITIONAL LISTINGS                                                                                                                                                                                                                                             | LIST NAME AND SOURCE |          | NOTIFICATION                                   |                        |  |
| None found                                                                                                                                                                                                                                                      |                      |          | No listings found on Additional 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                                                      |                          |                 |                                                   | ID: <b>Undisclosed</b>             |
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2026-03-16 13:53:06</b> |                                    |
| %: <b>0.1000 - 0.1500</b>                                        | GreenScreen: <b>LT-1</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Plasticizer</b> |

| HAZARD TYPE         | LIST NAME AND SOURCE                                     | WARNINGS                                                                                               |
|---------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| CAN                 | MAK                                                      | Carcinogen Group 1 - Substances that cause cancer in man                                               |
| MUL                 | ChemSec - SIN List                                       | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant                                                   |
| CAN                 | CA EPA - Prop 65                                         | Carcinogen                                                                                             |
| CAN                 | GHS - Australia                                          | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]                                          |
| DEV                 | GHS - Australia                                          | H361 - Suspected of damaging fertility or the unborn child [Reproductive toxicity - Category 2]        |
| CAN                 | EU - REACH Annex XVII CMRs                               | Carcinogens: Category 1A                                                                               |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION                                                                                           |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                    | GSPI - Six Classes Precautionary List<br><br>Antimicrobials                                            |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>All Products |

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.

Section 3: 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                                                            | CDPH Standard Method - Not tested |                         |
|--------------------------------------------------------------------------|-----------------------------------|-------------------------|
| COMPLIANCE TYPE: Self-declared                                           | ISSUE DATE: 2024-07-11            | EXPIRY DATE: 2050-12-31 |
| CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: None                             |                                   |                         |
| COMPLIANCE DETAILS:                                                      |                                   |                         |
| COMPLIANCE SCOPE: Product                                                |                                   |                         |
| APPLICABLE FACILITIES: Applies to All Facilities.                        |                                   |                         |
| COMPLIANCE URL: https://laticrete.com                                    |                                   |                         |
| COMPLIANCE NOTES: L&M™ TRAP ROCK™ has not been tested for VOC emissions. |                                   |                         |

| VOC CONTENT                                                                                                                                                 | EPA Method 24 - Volatile Matter Content (EPA 24) |                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------|
| COMPLIANCE TYPE: Self-declared                                                                                                                              | ISSUE DATE: 2024-05-09                           | EXPIRY DATE: 2050-12-31 |
| CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: LATICRETE                                                                                                           |                                                  |                         |
| COMPLIANCE DETAILS:                                                                                                                                         |                                                  |                         |
| COMPLIANCE SCOPE: Product                                                                                                                                   |                                                  |                         |
| APPLICABLE FACILITIES: Applies to All Facilities.                                                                                                           |                                                  |                         |
| COMPLIANCE URL: https://cdn-global.laticrete.com/-/media/project/laticrete-international/shared/files/support-and-downloads/technical-datasheets/tds251.pdf |                                                  |                         |
| COMPLIANCE NOTES: Meets LEED v4.1 Credit "Low Emitting Materials" VOC Content Requirements per SCAQMD Rule 1168.                                            |                                                  |                         |

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                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MANUFACTURER (OR GENERIC): Generic                                                                                                                                      |
| HPD URL: No HPD Available                                                                                                                                               |
| ACCESSORY TYPE: Installation Accessory                                                                                                                                  |
| CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: L&M™ TRAP ROCK™ be mixed with water only following mix ratio and directions as stated in product data sheet. |

Section 5: General Notes

L&M™ TRAP ROCK™ meets the Living Building Challenge v4.0 requirement that the product does not contain any of the Red Listed Materials or Chemicals. Specifically, L&M TRAP ROCK 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 and Polyfluorinated Alkyl Substances (PFAs) / 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.

Contains no respirable silica levels that exceed the OSHA action level.

L&M TRAP ROCK) meets Buy America, Buy American and Build America, Buy America (BABA) requirements. See TDS 253 Buy America, Buy American & Build America, Buy America Compliance at <https://cdn-global.laticrete.com/-/media/project/laticrete-international/shared/files/support-and-downloads/technical-datasheets/tds253-buy-america.pdf> for more information.

MANUFACTURER INFORMATION

MANUFACTURER: **LATICRETE International**  
ADDRESS: **1 Laticrete Park North**  
**Bethany, CT 06524**  
COUNTRY: **United States**  
LATITUDE: **41.3973000**  
LONGITUDE: **-73.0027000**

WEBSITE: **<https://laticrete.com>**  
CONTACT NAME: **Mitch Hawkins**  
TITLE: **Director, Customer Experience - Sustainability & Analytics**  
PHONE: **203.927.1060**  
EMAIL: **[wmhawkins@laticrete.com](mailto: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

|                                       |                                                   |                                                      |
|---------------------------------------|---------------------------------------------------|------------------------------------------------------|
| <b>AQU</b> Aquatic toxicity           | <b>LAN</b> Land toxicity                          | <b>PHY</b> Physical hazard (flammable or reactive)   |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity      | <b>REP</b> Reproductive                              |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple                               | <b>RES</b> Respiratory sensitization                 |
| <b>END</b> Endocrine activity         | <b>NEU</b> Neurotoxicity                          | <b>SKI</b> Skin sensitization/irritation/corrosivity |
| <b>EYE</b> Eye irritation/corrosivity | <b>NF</b> Not found on Priority Hazard Lists      | <b>UNK</b> Unknown                                   |
| <b>GEN</b> Gene mutation              | <b>OZO</b> Ozone depletion                        |                                                      |
| <b>GLO</b> Global warming             | <b>PBT</b> Persistent, bioaccumulative, and toxic |                                                      |

GreenScreen (GS)

|                                                                     |                                                                |
|---------------------------------------------------------------------|----------------------------------------------------------------|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |                                                                |

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

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 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.*

