L&M™ FASTRAK™ by LATICRETE International

CLASSIFICATION: 03 01 70

PRODUCT DESCRIPTION: L&M™ FASTRAK™ is a high strength, fast setting, cement based concrete and masonry patching compound. This product has a high flexural to compressive strength ratio, is non-shrink, offers sulfate resistance, and is stable under wet conditions and at elevated temperatures.

Section 1: Summary

Basic Method / Product Threshold

<table>
<thead>
<tr>
<th>Residuals/Impurities</th>
<th>Characterized</th>
<th>Screened</th>
<th>Identified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes Ex/SC</td>
<td>Yes Ex/SC</td>
<td>Yes No</td>
<td>Yes No</td>
</tr>
<tr>
<td>Considered</td>
<td>Partially Considered</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Considered</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All Substances Above the Threshold Indicated Are:

- Characterized: Yes Ex/SC Yes No
- Screened: Yes Ex/SC Yes No
- Identified: Yes Ex/SC Yes No

Explanation(s) provided for Residuals/Impurities? Yes No

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>SUBSTANCE</th>
<th>RESIDUAL OR IMPURITY</th>
<th>GREENSCREEN SCORE</th>
<th>HAZARD TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>L&amp;M™ FASTRAK™</td>
<td>QUARTZ LT-1</td>
<td>CAN HIGH-ALUMINA CEMENT LT-1</td>
<td>UNK PORTLAND CEMENT LT-P1</td>
<td>END CAN UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK CAN UNDISCLOSED LT-1 DEL REP UNDISCLOSED LT-1</td>
</tr>
</tbody>
</table>

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): 0.00
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: N/A
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: Verifier
VERIFICATION #: Verification
SCREENING DATE: 2020-03-17
PUBLISHED DATE: 2020-05-11
EXPIRY DATE: 2023-03-17
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.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

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**L&M FASTRAK™**

**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](http://www.laticrete.com) for occupational exposure information.

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**QUARTZ**  
**ID:** 14808-60-7

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-03-17

<table>
<thead>
<tr>
<th>%:</th>
<th>48.00 - 52.00</th>
<th>GS:</th>
<th>LT-1</th>
<th>RC:</th>
<th>None</th>
<th>NANO:</th>
<th>No</th>
<th>ROLE:</th>
<th>Aggregate</th>
</tr>
</thead>
</table>

**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 the plant of manufacture.

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**HIGH-ALUMINA CEMENT**  
**ID:** 65997-16-2

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-03-17

<table>
<thead>
<tr>
<th>%:</th>
<th>22.00 - 26.00</th>
<th>GS:</th>
<th>LT-UNK</th>
<th>RC:</th>
<th>None</th>
<th>NANO:</th>
<th>No</th>
<th>ROLE:</th>
<th>Binder</th>
</tr>
</thead>
</table>

**HAZARD SCREENING DATE:**  
**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 the plant of manufacture.
### Portland Cement

**ID:** 65997-15-1  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-03-17

<table>
<thead>
<tr>
<th>Substance</th>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Endocrine</strong></td>
<td></td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td><strong>Cancer</strong></td>
<td></td>
<td>MAK</td>
<td>Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
</tr>
</tbody>
</table>

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

### Undisclosed

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-03-17

#### Undisclosed

<table>
<thead>
<tr>
<th>Substance</th>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
</table>

**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:** 2020-03-17

<table>
<thead>
<tr>
<th>Substance</th>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
</table>

**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:** 2020-03-17

<table>
<thead>
<tr>
<th>Substance</th>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
</table>

**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: 2020-03-17

%: 0.10 - 0.20
GS: LT-UNK
RC: None
NANO: No
ROLE: Water Reducer

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-03-17

%: 0.10 - 0.30
GS: LT-UNK
RC: None
NANO: No
ROLE: Cure Accelerator

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-03-17

%: 0.05 - 0.10
GS: LT-P1
RC: None
NANO: No
ROLE: Defoamer

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-03-17

%: 0.01 - 0.02
GS: LT-1
RC: None
NANO: No
ROLE: Cure Accelerator

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.

DEVELOPMENTAL
CA EPA - Prop 65
Developmental toxicity

REPRODUCTIVE
GHS - New Zealand
6.8A - Known or presumed human reproductive or developmental toxicants

REPRODUCTIVE
GHS - Japan
Toxic to reproduction - Category 1A [H360]
### UNDISCLOSED

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-03-17

<table>
<thead>
<tr>
<th>%:</th>
<th>0.01 - 0.05</th>
<th>GS:</th>
<th>LT-1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: <strong>Defoamer</strong></th>
</tr>
</thead>
</table>

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

<table>
<thead>
<tr>
<th>MAMMALIAN</th>
<th>EU - GHS (H-Statements)</th>
<th>H304 - May be fatal if swallowed and enters airways</th>
</tr>
</thead>
<tbody>
<tr>
<td>GENE MUTATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H340 - May cause genetic defects</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td>H350 - May cause cancer</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - REACH Annex XVII CMRs</td>
<td>Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man</td>
</tr>
<tr>
<td>GENE MUTATION</td>
<td>EU - REACH Annex XVII CMRs</td>
<td>Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>ChemSec - SIN List</td>
<td>CMR - Carcinogen, Mutagen &amp;/or Reproductive Toxicant</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - Annex VI CMRs</td>
<td>Carcinogen Category 1B - Presumed Carcinogen based on animal evidence</td>
</tr>
<tr>
<td>GENE MUTATION</td>
<td>EU - Annex VI CMRs</td>
<td>Mutagen - Category 1B</td>
</tr>
<tr>
<td>GENE MUTATION</td>
<td>GHS - Australia</td>
<td>H340 - May cause genetic defects</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - Australia</td>
<td>H350 - May cause cancer</td>
</tr>
</tbody>
</table>

**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.

### CALCIUM CARBONATE

**ID:** 471-34-1

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-03-17

<table>
<thead>
<tr>
<th>%: Impurity/Residual</th>
<th>GS:</th>
<th>BM-3</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: <strong>Impurity/Residual</strong></th>
</tr>
</thead>
</table>

**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.

### LIMESTONE; CALCIUM CARBONATE

**ID:** 1317-65-3

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-03-17

<table>
<thead>
<tr>
<th>%: Impurity/Residual</th>
<th>GS:</th>
<th>LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: <strong>Impurity/Residual</strong></th>
</tr>
</thead>
</table>

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

| None found |   | No warnings found on HPD Priority Hazard Lists |

**L&M FASTRAK**  
[hprepository.hpd-collaborative.org](http://hprepository.hpd-collaborative.org)  
HPD v2.1.1 created via HPDC Builder Page 5 of 9
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

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Self-declared</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>Applies to All Facilities.</td>
</tr>
<tr>
<td>CERTIFICATION URL:</td>
<td></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2019-01-09</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>LATICRETE</td>
</tr>
</tbody>
</table>

CERTIFICATION AND COMPLIANCE NOTES: L&M™ FASTRAK™ has not been tested for VOC emissions.

### VOC CONTENT

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Self-declared</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>Applies to All Facilities.</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td><a href="https://cdn.laticrete.com/~/media/support-and-downloads/technical-datasheets/tds251.ashx">https://cdn.laticrete.com/~/media/support-and-downloads/technical-datasheets/tds251.ashx</a></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2019-01-09</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>LATICRETE</td>
</tr>
</tbody>
</table>

CERTIFICATION AND COMPLIANCE NOTES: There are no guidelines for maximum VOC content or emissions for patching materials in LEED v4. Please take note of the VOC content as stated in Section 1: VOLATILE ORGANIC COMPOUND (VOC) CONTENT and on the referenced TDS.

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

| CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: | L&M™ FASTRAK™ to be mixed with water only following mix ratio and directions as stated on product data sheet. |

Section 5: General Notes

L&M™ FASTRAK™ meets the Living Building Challenge v4.0 requirement that the product does not contain any of the Red Listed Materials or Chemicals. Specifically, LATICRETE FASTRAK 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 organophosphate 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](https://laticrete.com)

**CONTACT NAME:** Mitch Hawkins  
**TITLE:** Senior Manager, Technical Service  
**PHONE:** 203.393.4619  
**EMAIL:** wmhawkins@laticrete.com

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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  
- **CAN** Cancer  
- **DEV** Developmental toxicity  
- **END** Endocrine activity  
- **EYE** Eye irritation/corrosivity  
- **GEN** Gene mutation  
- **GLO** Global warming  
- **MAM** Mammalian/systemic/organ toxicity  
- **MUL** Multiple hazards  
- **NEU** Neurotoxicity  
- **OZO** Ozone depletion  
- **PBT** Persistent Bioaccumulative Toxic  
- **PHY** Physical Hazard (reactive)  
- **REP** Reproductive toxicity  
- **RES** Respiratory sensitization  
- **SKI** Skin sensitization/irritation/corrosivity  
- **LAN** Land Toxicity  
- **NF** Not found on Priority Hazard Lists

#### GreenScreen (GS)

- **BM-4** Benchmark 4 (prefer-safer chemical)  
- **BM-3** Benchmark 3 (use but still opportunity for improvement)  
- **BM-2** Benchmark 2 (use but search for safer substitutes)  
- **BM-1** Benchmark 1 (avoid - chemical of high concern)  
- **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

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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.