



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** LATICRETE® 15 Premium Mastic  
**Other means of identification** None.  
**Recommended use** Adhesive.  
**Recommended restrictions** None known.  
**Manufacturer/Importer/Supplier/Distributor information**  
**Company Name** LATICRETE International  
**Address** 1 Laticrete Park, N  
Bethany, CT 06524  
**Telephone** (203)-393-0010  
**Contact person** Steve Fine  
**Website** www.laticrete.com  
**Emergency phone number** Call CHEMTREC day or night  
USA/Canada - 1.800.424.9300  
Mexico - 1.800.681.9531  
Outside USA/Canada  
1.703.527.3887

## 2. Hazard(s) identification

**Physical hazards** Not classified.  
**Health hazards** Not classified.  
**Environmental hazards** Not classified.

### Label elements

**Hazard symbol** None.  
**Signal word** None.  
**Hazard statement** The mixture does not meet the criteria for classification.  
**Precautionary statement**  
**Prevention** Observe good industrial hygiene practices.  
**Response** No specific first aid measures noted.  
**Storage** Store away from incompatible materials.  
**Disposal** Dispose of waste and residues in accordance with local authority requirements.

**Other hazards** None known.

**Supplemental information** None.

## 3. Composition/information on ingredients

### Mixtures

| Chemical name | CAS number | %       |
|---------------|------------|---------|
| Limestone     | 1317-65-3  | 40 - 70 |
| Quartz        | 14808-60-7 | 1 - 5   |

**Composition comments** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## 4. First-aid measures

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

**Skin contact** Wash skin with soap and water. Get medical attention if symptoms occur.

|   |  |
|---|--|
| <b>Eye contact</b>  | Flush eyes thoroughly with water for at least 15 minutes. Get medical attention if symptoms persist.             |
| <b>Ingestion</b>  | Rinse mouth. Do not induce vomiting. Get medical attention if any discomfort continues.                          |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Symptoms include redness, itching and pain.  |
| <b>Indication of immediate medical attention and special treatment needed</b> | Treat symptomatically.   |
| <b>General information</b>  | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |

## 5. Fire-fighting measures

|  |  |
|--|--|
| <b>Suitable extinguishing media</b>                                  | Alcohol resistant foam. Water spray. Water fog. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).              |
| <b>Unsuitable extinguishing media</b>                                | None known.  |
| <b>Specific hazards arising from the chemical</b>                    | Irritating and toxic gases or fumes may be released during a fire.   |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire.                        |
| <b>Fire fighting equipment/instructions</b>                          | In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. |
| <b>General fire hazards</b>  | No unusual fire or explosion hazards noted.  |

## 6. Accidental release measures

|  |  |
|--|--|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.   |
| <b>Methods and materials for containment and cleaning up</b>               | Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.<br><br>Never return spills in original containers for re-use. For waste disposal, see Section 13 of the SDS. Environmental manager must be informed of all major releases. |
| <b>Environmental precautions</b>   |  |

## 7. Handling and storage

|   |   |
|---|---|
| <b>Precautions for safe handling</b>                                | Do not breathe mist or vapor. Do not get in eyes, on skin, on clothing. Use with adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Keep container tightly closed. Store in a cool and well-ventilated place.   |

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. ACGIH Threshold Limit Values

| Components              | Type | Value                   | Form                 |
|-------------------------|------|-------------------------|----------------------|
| Quartz (CAS 14808-60-7) | TWA  | 0.025 mg/m <sup>3</sup> | Respirable fraction. |

#### Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

| Components                | Type | Value                   | Form                  |
|---------------------------|------|-------------------------|-----------------------|
| Limestone (CAS 1317-65-3) | TWA  | 10 mg/m <sup>3</sup>    |                       |
| Quartz (CAS 14808-60-7)   | TWA  | 0.025 mg/m <sup>3</sup> | Respirable particles. |

#### Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

| Components                | Type | Value                | Form        |
|---------------------------|------|----------------------|-------------|
| Limestone (CAS 1317-65-3) | STEL | 20 mg/m <sup>3</sup> | Total dust. |

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

| Components              | Type | Value       | Form                 |
|-------------------------|------|-------------|----------------------|
|                         | TWA  | 3 mg/m3     | Respirable fraction. |
| Quartz (CAS 14808-60-7) | TWA  | 10 mg/m3    | Total dust.          |
|                         |      | 0.025 mg/m3 | Respirable fraction. |

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

| Components              | Type | Value       | Form                 |
|-------------------------|------|-------------|----------------------|
| Quartz (CAS 14808-60-7) | TWA  | 0.025 mg/m3 | Respirable fraction. |

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

| Components              | Type | Value     | Form                 |
|-------------------------|------|-----------|----------------------|
| Quartz (CAS 14808-60-7) | TWA  | 0.1 mg/m3 | Respirable fraction. |

**Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)**

| Components                | Type | Value     | Form             |
|---------------------------|------|-----------|------------------|
| Limestone (CAS 1317-65-3) | TWA  | 10 mg/m3  | Total dust.      |
| Quartz (CAS 14808-60-7)   | TWA  | 0.1 mg/m3 | Respirable dust. |

|  |  |
|--|--|
| <b>Biological limit values</b>   | No biological exposure limits noted for the ingredient(s).   |
| <b>Exposure guidelines</b>   | The ingredients in this product are encapsulated within the polymer matrix, therefore no exposure to these materials is expected during normal use/handling of this product. The exposure limits listed are provided for information purpose only. |
| <b>Appropriate engineering controls</b>                                      | Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.   |
| <b>Individual protection measures, such as personal protective equipment</b> |  |
| <b>Eye/face protection</b>   | Risk of contact: Wear protective gloves and goggles/face shield.   |
| <b>Skin protection</b>   |  |
| <b>Hand protection</b>   | Wear appropriate chemical resistant gloves.  |
| <b>Other</b>   | Wear appropriate chemical resistant clothing.  |
| <b>Respiratory protection</b>  | In case of insufficient ventilation, wear suitable respiratory equipment.  |
| <b>Thermal hazards</b>   | Wear appropriate thermal protective clothing, when necessary.  |
| <b>General hygiene considerations</b>  | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.                              |

## 9. Physical and chemical properties

### Appearance

|   |                        |
|---|------------------------|
| <b>Physical state</b>                               | Liquid.                |
| <b>Form</b>   | Liquid.                |
| <b>Color</b>  | Grey.                  |
| <b>Odor</b>   | Musty.                 |
| <b>Odor threshold</b>                               | Not available.         |
| <b>pH</b>   | 8.4                    |
| <b>Melting point/freezing point</b>                 | Not available.         |
| <b>Initial boiling point and boiling range</b>      | Not available.         |
| <b>Flash point</b>                                  | > 199.9 °F (> 93.3 °C) |
| <b>Evaporation rate</b>                             | Not available.         |
| <b>Flammability (solid, gas)</b>                    | Not available.         |
| <b>Upper/lower flammability or explosive limits</b> |                        |
| <b>Flammability limit - lower (%)</b>               | Not available.         |
| <b>Flammability limit - upper (%)</b>               | Not available.         |

|   |                        |
|---|------------------------|
| Vapor pressure                          | Not available.         |
| Vapor density                           | Not available.         |
| Relative density                        | Not available.         |
| <b>Solubility(ies)</b>                  |                        |
| Solubility (water)                      | Not available.         |
| Partition coefficient (n-octanol/water) | Not available.         |
| Auto-ignition temperature               | Not available.         |
| Decomposition temperature               | Not available.         |
| Viscosity                               | Not available.         |
| <b>Other information</b>                |                        |
| Density                                 | 1.60 g/cm <sup>3</sup> |
| VOC                                     | < 30 g/l               |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use.                                   |
| <b>Conditions to avoid</b>                | Extreme temperatures. Keep from freezing.   |
| <b>Incompatible materials</b>             | Oxidizing agents.   |
| <b>Hazardous decomposition products</b>   | Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide. Hydrocarbons.                             |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | In high concentrations, vapors may be irritating to the respiratory system. |
| <b>Skin contact</b> | May cause skin irritation.  |
| <b>Eye contact</b>  | May cause eye irritation.   |
| <b>Ingestion</b>    | May cause discomfort if swallowed.  |

**Symptoms related to the physical, chemical and toxicological characteristics** Symptoms include redness, itching and pain.

### Information on toxicological effects

|  |   |
|--|---|
| <b>Acute toxicity</b>                    | May cause discomfort if swallowed.                          |
| <b>Skin corrosion/irritation</b>         | May cause skin irritation on prolonged or repeated contact. |
| <b>Serious eye damage/eye irritation</b> | May cause eye irritation on direct contact.                 |

### Respiratory or skin sensitization

|  |          |
|--|----------|
| <b>Canada - Alberta OELs: Irritant</b> |          |
| Limestone (CAS 1317-65-3)              | Irritant |

|                                  |                        |
|----------------------------------|------------------------|
| <b>Respiratory sensitization</b> | No data available.     |
| <b>Skin sensitization</b>        | Not a skin sensitizer. |

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** Inhalation of quartz dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely.

|                          |                                |
|--------------------------|--------------------------------|
| <b>ACGIH Carcinogens</b> |                                |
| Quartz (CAS 14808-60-7)  | A2 Suspected human carcinogen. |

|   |                             |
|---|-----------------------------|
| <b>Canada - Alberta OELs: Carcinogen category</b> |                             |
| Quartz (CAS 14808-60-7)                           | Suspected human carcinogen. |

|  |                             |
|--|-----------------------------|
| <b>Canada - Manitoba OELs: carcinogenicity</b> |                             |
| Quartz (CAS 14808-60-7)                        | Suspected human carcinogen. |

**Canada - Quebec OELs: Carcinogen category**

Quartz (CAS 14808-60-7)

Suspected carcinogenic effect in humans.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Quartz (CAS 14808-60-7)

1 Carcinogenic to humans.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Quartz (CAS 14808-60-7)

Known To Be Human Carcinogen.

|   |   |
|---|---|
| <b>Reproductive toxicity</b>                              | No data available.                                      |
| <b>Specific target organ toxicity - single exposure</b>   | No data available.                                      |
| <b>Specific target organ toxicity - repeated exposure</b> | No data available.                                      |
| <b>Aspiration hazard</b>                                  | Not classified.   |
| <b>Chronic effects</b>                                    | No data available.                                      |
| <b>Further information</b>                                | No other specific acute or chronic health impact noted. |

**12. Ecological information**

|                                      |  |
|--------------------------------------|--|
| <b>Ecotoxicity</b>                   | No ecotoxicity data noted for the ingredient(s).   |
| <b>Persistence and degradability</b> | No data is available on the degradability of this product.   |
| <b>Bioaccumulative potential</b>     | No data available for this product.  |
| <b>Mobility in soil</b>              | No data available.   |
| <b>Mobility in general</b>           | No data available.   |
| <b>Other adverse effects</b>         | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |

**13. Disposal considerations**

|  |  |
|--|--|
| <b>Disposal instructions</b>                 | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.                   |
| <b>Hazardous waste code</b>                  | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.   |
| <b>Waste from residues / unused products</b> | Dispose of in accordance with local regulations.   |
| <b>Contaminated packaging</b>                | Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. |

**14. Transport information****TDG**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

**15. Regulatory information**

**Canadian regulations** This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

**Controlled Drugs and Substances Act**

Not regulated.

**Export Control List (CEPA 1999, Schedule 3)**

Not listed.

**Greenhouse Gases**

Not listed.

**Precursor Control Regulations**

Not regulated.

## International regulations

### Stockholm Convention

Not applicable.

### Rotterdam Convention

Not applicable.

### Kyoto protocol

Not applicable.

### Montreal Protocol

Not applicable.

### Basel Convention

Not applicable.

## International Inventories

| Country(s) or region        | Inventory name   | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada                      | Domestic Substances List (DSL)   | No                     |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | Yes                    |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes                    |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | Yes                    |
| Korea                       | Existing Chemicals List (ECL)  | Yes                    |
| New Zealand                 | New Zealand Inventory  | Yes                    |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                    |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                    |

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information

**Issue date** 18-April-2017

**Revision date** -

**Version #** 01

**References** HSDB® - Hazardous Substances Data Bank  
Registry of Toxic Effects of Chemical Substances (RTECS)

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