1. Identification

Product identifier: LATICRETE® LATASIL™
Other means of identification: None.
Recommended use: Sealant.
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:
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:
- Serious eye damage/eye irritation: Category 2
- Sensitization, skin: Category 1
- Specific target organ toxicity following repeated exposure: Category 2 (Cardiovascular system, Haematological system)

Environmental hazards: Not classified.

Label elements

Signal word: Warning

Hazard statement: Causes serious eye irritation. May cause an allergic skin reaction. May cause damage to organs (Cardiovascular system, Haematological system) through prolonged or repeated exposure.

Precautionary statements

Prevention: Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves and eye/face protection.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Get medical advice/attention if you feel unwell.

Storage: Store away from incompatible materials.
Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards: Not classified.
Supplemental information: None.

3. Composition/information on ingredients

Mixtures
<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methylethylketoxime (impurity)</td>
<td>22984-54-9</td>
<td>3 - 7</td>
</tr>
<tr>
<td>Di (ethylmethylketoxime) methoxymethyl silane</td>
<td>83817-72-5</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Methyl tri(ethylmethylketoxime) silane</td>
<td>96-29-7</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>Octamethylcyclotetrasiloxane (impurity)</td>
<td>556-67-2</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

**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**
Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact**
Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

**Eye contact**
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Ingestion**
Rash. Irritant effects.

**Most important symptoms/effects, acute and delayed**
Provide general supportive measures and treat symptomatically.

**Indication of immediate medical attention and special treatment needed**
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Take off contaminated clothing and shoes immediately. If you feel unwell, seek medical advice (show the label where possible). Wash contaminated clothing before reuse.

**5. Fire-fighting measures**

**Suitable extinguishing media**
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

**Unsuitable extinguishing media**
Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical**
During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire fighting equipment/instructions**
In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

**General fire hazards**
No unusual fire or explosion hazards noted.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**
Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

**Methods and materials for containment and cleaning up**
Large Spills: Stop the flow of material, if this is without risk. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**Environmental precautions**
Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Environmental manager must be informed of all releases.

**7. Handling and storage**

**Precautions for safe handling**
Do not breathe mist or vapour. Avoid contact with eyes, skin, and clothing. Persons susceptible for allergic reactions should not handle this product. Wear appropriate personal protective equipment. Provide adequate ventilation. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in a well-ventilated place. Store away from incompatible materials (See Section 10).

8. Exposure controls/personal protection

Occupational exposure limits
No exposure limits noted for ingredient(s).

Biological limit values
No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls
Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual protection measures, such as personal protective equipment

Eye/face protection
Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection
Wear appropriate chemical resistant gloves.

Other
Wear appropriate chemical resistant clothing.

Respiratory protection
In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations
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

Physical state
Solid.

Form
Paste.

Colour
Not available.

Odour
Not available.

Odour threshold
Not available.

pH
Not available.

Melting point/freezing point
Not applicable.

Initial boiling point and boiling range
Not applicable.

Flash point
Non flammable.

Evaporation rate
Not applicable.

Flammability (solid, gas)
Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)
Not available.

Flammability limit - upper (%)
Not available.

Vapour pressure
Not applicable.

Vapour density
Not applicable.

Relative density
1.04

Solubility(ies)

Solubility (water)
Not available.

Partition coefficient (n-octanol/water)
Not available.

Auto-ignition temperature
Not available.

Decomposition temperature
Not available.

Viscosity
Not available.

10. Stability and reactivity

Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability
Material is stable under normal conditions.
Possibility of hazardous reactions Will not occur.

Conditions to avoid Water, moisture. Contact with incompatible materials.

Incompatible materials Strong oxidising agents.


11. Toxicological information

Information on likely routes of exposure
- Inhalation High vapour concentrations may cause drowsiness.
- Skin contact May cause skin irritation.
- Eye contact Irritating to eyes.
- Ingestion May cause discomfort if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics Rash. Irritant effects.

Information on toxicological effects
- Acute toxicity May cause discomfort if swallowed.
- Skin corrosion/irritation May cause skin irritation.
- Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitisation
- Respiratory sensitisation No data available.
- Skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity Not expected to be mutagenic.

Carcinogenicity Not classified.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure No data available.

Specific target organ toxicity - repeated exposure May cause damage to organs (Cardiovascular system, Haematological system) through prolonged or repeated exposure.

Aspiration hazard No data available.

Chronic effects Prolonged or repeated contact may cause drying, cracking, or irritation.

Further information No other specific acute or chronic health impact noted. Product evolves methyl ethyl ketoxime (MEKO) and flammable methyl alcohol when exposed to water or humid air.

12. Ecological information

Ecotoxicity No ecotoxicity data noted for the ingredient(s).

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available for this product.

Mobility in soil No data available.

Mobility in general No data available.

Other adverse effects 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

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not discharge into drains, water courses or onto the ground. Dispose of contents/container in accordance with local/regional/national/international regulations.

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging

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 available.

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.

  - Octamethylcyclotetrasiloxane (impurity) (CAS 556-67-2)
- 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

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

*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**: 21-June-2017
- **Revision date**: -
- **Version No.**: 01
- **References**
  - HSDB® - Hazardous Substances Data Bank
  - Registry of Toxic Effects of Chemical Substances (RTECS)
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