SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture
Product Name: LATICRETE® Prime-N-Bond

1.2. Intended Use of the Product

Use of the Substance/Mixture: Primer

1.3. Name, Address, and Telephone of the Responsible Party

Company: LATICRETE International
Address: 1 Laticrete Park, N
City, State: Bethany, CT 06524
Telephone: T (203)-393-0010
Website: www.laticrete.com

Company: LATICRETE Canada ULC
Address: PO Box 129, Emeryville, Ontario, Canada
Telephone: N0R-1A0

1.4. Emergency Telephone Number

Emergency Number: For Chemical Emergency Call CHEMTREC day or night
Within USA and Canada: 1.800.424.9300
Mexico: 1.800.681.9531
Outside USA and Canada: 1.703.527.3887 (collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US Classification

Repr. 2 H361
Full text of hazard classes and H-statements: see section 16

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US):

Signal Word (GHS-US): Warning
Hazard Statements (GHS-US): H361 - Suspected of damaging fertility or the unborn child.
Precautionary Statements (GHS-US):
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P280 - Wear protective gloves, protective clothing, and eye protection.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>(CAS-No.) 1317-65-3</td>
<td>25 - 30</td>
<td>Not classified</td>
</tr>
<tr>
<td>Quartz</td>
<td>(CAS-No.) 14808-60-7</td>
<td>17.231-17.627</td>
<td>Carc. 1A, H350, STOT SE 3, H335, STOT RE 1, H372</td>
</tr>
<tr>
<td>Kaolin</td>
<td>(CAS-No.) 1332-58-7</td>
<td>1 - 5</td>
<td>Not classified</td>
</tr>
</tbody>
</table>
LATICRETE® Prime-N-Bond  
Safety Data Sheet  
According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Exposure Level</th>
<th>H-Phrase(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>(CAS-No.) 13463-67-7</td>
<td>1 - 5</td>
<td>Carc. 2, H351</td>
</tr>
<tr>
<td>Octamethylcyclotetrasiloxane</td>
<td>(CAS-No.) 556-67-2</td>
<td>0.1 - 1</td>
<td>Flam. Liq. 3, H226, Repr. 2, H361, Aquatic Chronic 4, H413, Carc. 1A, H350, STOT RE 1, H372</td>
</tr>
<tr>
<td>Silica, cristobalite</td>
<td>(CAS-No.) 14464-46-1</td>
<td>&lt; 0.1</td>
<td></td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 5 minutes. If exposed or concerned: Get medical advice/attention.

First-aid Measures After Eye Contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: Suspected of damaging fertility or the unborn child.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: Suspected of damaging fertility or the unborn child.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.


SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).


6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.
6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Do not breathe vapors, mist, spray.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Primer

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

<table>
<thead>
<tr>
<th>Substance</th>
<th>ACGIH TWA (mg/m³)</th>
<th>ACGIH chemical category</th>
<th>NIOSH REL (TWA) (mg/m³)</th>
<th>US IDLH (mg/m³)</th>
<th>OSHA PEL (TWA) (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone (1317-65-3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (TWA) (mg/m³)</td>
<td>10 mg/m³ (total dust)</td>
<td>5 mg/m³ (respirable dust)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>15 mg/m³ (total dust)</td>
<td>5 mg/m³ (respirable fraction)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Quartz (14808-60-7) | | | | | |
| USA ACGIH | ACGIH TWA (mg/m³) | 0.025 mg/m³ (respirable particulate matter) |
| USA ACGIH | ACGIH chemical category | A2 - Suspected Human Carcinogen |
| USA NIOSH | NIOSH REL (TWA) (mg/m³) | 0.05 mg/m³ (respirable dust) |
| USA IDLH | US IDLH (mg/m³) | 50 mg/m³ (respirable dust) |
| USA OSHA | OSHA PEL (TWA) (mg/m³) | 50 µg/m³ |

| Kaolin (1332-58-7) | | | | | |
| USA ACGIH | ACGIH TWA (mg/m³) | 2 mg/m³ (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter) |
| USA ACGIH | ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| USA NIOSH | NIOSH REL (TWA) (mg/m³) | 10 mg/m³ (total dust) |
| USA OSHA | OSHA PEL (TWA) (mg/m³) | 15 mg/m³ (total dust) |

| Titanium dioxide (13463-67-7) | | | | | |
| USA ACGIH | ACGIH TWA (mg/m³) | 10 mg/m³ |
| USA ACGIH | ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| USA IDLH | US IDLH (mg/m³) | 5000 mg/m³ |
| USA OSHA | OSHA PEL (TWA) (mg/m³) | 15 mg/m³ (total dust) |

| Silica, cristobalite (14464-46-1) | | | | | |
| USA ACGIH | ACGIH TWA (mg/m³) | 0.025 mg/m³ (respirable particulate matter) |
| USA ACGIH | ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| USA NIOSH | NIOSH REL (TWA) (mg/m³) | 0.05 mg/m³ (respirable dust) |
| USA IDLH | US IDLH (mg/m³) | 25 mg/m³ (respirable dust) |
| USA OSHA | OSHA PEL (TWA) (mg/m³) | 50 µg/m³ |
LATICRETE® Prime-N-Bond
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<table>
<thead>
<tr>
<th>Octamethylcyclotetrasiloxane (556-67-2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA AIHA WEEL TWA (ppm)</td>
</tr>
<tr>
<td>Silica, crystalline (general form)</td>
</tr>
<tr>
<td>USA OSHA OSHA PEL (TWA) (mg/m³)</td>
</tr>
</tbody>
</table>

### 8.2 Exposure Controls

**Appropriate Engineering Controls**

Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment**


**Materials for Protective Clothing**

Chemically resistant materials and fabrics.

**Hand Protection**

Wear protective gloves.

**Eye and Face Protection**

Chemical safety goggles.

**Skin and Body Protection**

Wear suitable protective clothing.

**Respiratory Protection**

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Other Information**

When using, do not eat, drink or smoke.

### 9: PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on Basic Physical and Chemical Properties**

- **Physical State**: Liquid
- **Appearance**: White
- **Odor**: Latex
- **Odor Threshold**: No data available
- **pH**: 8.02
- **Evaporation Rate**: No data available
- **Melting Point**: No data available
- **Freezing Point**: No data available
- **Boiling Point**: No data available
- **Auto-ignition Temperature**: No data available
- **Decomposition Temperature**: No data available
- **Flammability (solid, gas)**: Not applicable
- **Vapor Pressure**: No data available
- **Relative Vapor Density at 20°C**: No data available
- **Relative Density**: No data available
- **Solubility**: No data available
- **Partition Coefficient: N-Octanol/Water**: No data available
- **Viscosity**: No data available

**9.2 Other Information**

No additional information available

### 10: STABILITY AND REACTIVITY

**10.1 Reactivity**: Hazardous reactions will not occur under normal conditions.

**10.2 Chemical Stability**: Stable under recommended handling and storage conditions (see section 7).

**10.3 Possibility of Hazardous Reactions**: Hazardous polymerization will not occur.

**10.4 Conditions to Avoid**: Direct sunlight, extremely high or low temperatures, and incompatible materials.

**10.5 Incompatible Materials**: Strong acids, strong bases, strong oxidizers.

**10.6 Hazardous Decomposition Products**: None expected under normal conditions of use.
SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity: Not classified

<table>
<thead>
<tr>
<th>Material</th>
<th>Oral Rat LD50</th>
<th>Dermal Rat LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz (14808-60-7)</td>
<td>&gt; 5000 mg/kg</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td>Kaolin (1332-58-7)</td>
<td>&gt; 5000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide (13463-67-7)</td>
<td>&gt; 5000 mg/kg</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td>LD50 Dermal Rabbit</td>
<td>&gt; 5000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td>&gt; 10000 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

Skin Corrosion/Irritation: Not classified

pH: 8.02

Serious Eye Damage/Irritation: Not classified

pH: 8.02

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified. (This product is in a liquid form; The (CAS No) 14808-60-7, 13463-67-7, and 14464-46-1 are not able to become airborne and cannot be inhaled. Thus, the hazards usually associated with (CAS No) 14808-60-7, 13463-67-7, and 14464-46-1 are not applicable to this product.)

<table>
<thead>
<tr>
<th>Material</th>
<th>IARC group</th>
<th>National Toxicology Program (NTP) Status</th>
<th>OSHA Hazard Communication Carcinogen List</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz (14808-60-7)</td>
<td>1</td>
<td>Known Human Carcinogens.</td>
<td>In OSHA Hazard Communication Carcinogen list.</td>
</tr>
<tr>
<td>Titanium dioxide (13463-67-7)</td>
<td>2B</td>
<td>In OSHA Hazard Communication Carcinogen list.</td>
<td></td>
</tr>
<tr>
<td>Silica, cristobalite (14464-46-1)</td>
<td>1</td>
<td>Known Human Carcinogens.</td>
<td>In OSHA Hazard Communication Carcinogen list.</td>
</tr>
<tr>
<td>Silica, crystalline (general form)</td>
<td>1</td>
<td>Known Human Carcinogens.</td>
<td>In OSHA Hazard Communication Carcinogen list.</td>
</tr>
</tbody>
</table>

Reproductive Toxicity: Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified.

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: Suspected of damaging fertility or the unborn child.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Not classified.

12.2. Persistence and Degradability

LATICRETE® Prime-N-Bond

Persistence and Degradability: Not established.
12.3. Bioaccumulative Potential

<table>
<thead>
<tr>
<th>LATICRETE® Prime-N-Bond</th>
<th>Bioaccumulative Potential</th>
<th>Not established.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octamethylcyclotetrasiloxane (556-67-2)</td>
<td>BCF Fish 1</td>
<td>12400</td>
</tr>
<tr>
<td></td>
<td>Log Pow</td>
<td>5.1</td>
</tr>
</tbody>
</table>

12.4. Mobility in Soil  No additional information available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT  Not regulated for transport

14.2. In Accordance with IMDG  Not regulated for transport

14.3. In Accordance with IATA  Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

<table>
<thead>
<tr>
<th>LATICRETE® Prime-N-Bond</th>
<th>SARA Section 311/312 Hazard Classes</th>
<th>Delayed (chronic) health hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone (1317-65-3)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
<td></td>
</tr>
<tr>
<td>Quartz (14808-60-7)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
<td></td>
</tr>
<tr>
<td>Kaolin (1332-58-7)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide (13463-67-7)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
<td></td>
</tr>
<tr>
<td>Silica, cristobalite (14464-46-1)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
<td></td>
</tr>
<tr>
<td>Octamethylcyclotetrasiloxane (556-67-2)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
<td></td>
</tr>
</tbody>
</table>

15.2. US State Regulations

<table>
<thead>
<tr>
<th>Quartz (14808-60-7)</th>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>WARNING: This product contains chemicals known to the State of California to cause cancer.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide (13463-67-7)</td>
<td>U.S. - California - Proposition 65 - Carcinogens List</td>
<td>WARNING: This product contains chemicals known to the State of California to cause cancer.</td>
</tr>
<tr>
<td>Silica, crystalline (general form)</td>
<td>U.S. - California - Proposition 65 - Carcinogens List</td>
<td>WARNING: This product contains chemicals known to the State of California to cause cancer.</td>
</tr>
<tr>
<td>Limestone (1317-65-3)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION**

**Date of Preparation or Latest Revision**: 01/25/2018

**Other Information**: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

**GHS Full Text Phrases**:

<table>
<thead>
<tr>
<th>Aquatic Chronic 4</th>
<th>Hazardous to the aquatic environment - Chronic Hazard Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carc. 1A</td>
<td>Carcinogenicity Category 1A</td>
</tr>
<tr>
<td>Carc. 2</td>
<td>Carcinogenicity Category 2</td>
</tr>
<tr>
<td>Flam. Liq. 3</td>
<td>Flammable liquids Category 3</td>
</tr>
<tr>
<td>Repr. 2</td>
<td>Reproductive toxicity Category 2</td>
</tr>
<tr>
<td>STOT RE 1</td>
<td>Specific target organ toxicity (repeated exposure) Category 1</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity (single exposure) Category 3</td>
</tr>
<tr>
<td>H226</td>
<td>Flammable liquid and vapor</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation</td>
</tr>
<tr>
<td>H350</td>
<td>May cause cancer</td>
</tr>
<tr>
<td>H351</td>
<td>Suspected of causing cancer</td>
</tr>
<tr>
<td>H361</td>
<td>Suspected of damaging fertility or the unborn child</td>
</tr>
<tr>
<td>H372</td>
<td>Causes damage to organs through prolonged or repeated exposure</td>
</tr>
<tr>
<td>H413</td>
<td>May cause long lasting harmful effects to aquatic life</td>
</tr>
</tbody>
</table>

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)