SECTION 1: IDENTIFICATION

1.1. Product Identifier
Product Form: Mixture
Product Name: NXT® Vapor Reduction Coating Part B

1.2. Intended Use of the Product
Use of the Substance/Mixture: Vapor Reduction Membrane. For professional use only.

1.3. Name, Address, and Telephone of the Responsible Party
Company
LATICRETE International
1 Laticrete Park, N
Bethany, CT 06524
T (203)-393-0010
www.laticrete.com

1.4. Emergency Telephone Number
Emergency Number: For Chemical Emergency Call ChemTel day or night
Within USA and Canada: 1.800.255.3924
Mexico: 1.800.099.0731
Outside USA and Canada: 1.813.248.0585 (collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture
GHS-US Classification
Skin Irrit. 2 H315
Eye Dam. 1 H318
Skin Sens. 1 H317
Aquatic Acute 2 H401
Aquatic Chronic 2 H411

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): Danger
Hazard Statements (GHS-US):
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H401 - Toxic to aquatic life.
H411 - Toxic to aquatic life with long lasting effects.

Precautionary Statements (GHS-US):
P261 - Avoid breathing vapors, mist, or spray.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, and eye protection.
P302+P352 - If on skin: Wash with plenty of water.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a poison center or doctor.
P321 - Specific treatment (see section 4 on this SDS).
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P391 - Collect spillage.
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>
</table>
| Oxirane, 2,2'-(1-methylethylidene)bis(4,1-phenyleneoxymethylene))bis-, homopolymer | (CAS-No.) 25085-99-8 | 61.6 - 71 | Skin Irrit. 2, H315  
Eye Irrit. 2A, H319  
Skin Sens. 1, H317  
Aquatic Acute 2, H401  
Aquatic Chronic 2, H411 |
| Formaldehyde, polymer with (chloromethyl)oxirane and phenol | (CAS-No.) 9003-36-5 | 14.2 - 23.7 | Skin Irrit. 2, H315  
Skin Sens. 1, H317  
Aquatic Chronic 2, H411 |
| Alkyl (C12-14) glycidyl ether | (CAS-No.) 68609-97-2 | 9.5 - 18.9 | Skin Irrit. 2, H315  
Skin Sens. 1, H317 |
| Oxirane, 2,2'-(1,4-butanediyl)bis(oxymethylene))bis- | (CAS-No.) 2425-79-8 | ≤ 5 | Acute Tox. 4 (Oral), H302  
Acute Tox. 4 (Dermal), H312  
Acute Tox. 4 (Inhalation), H332  
Skin Irrit. 2, H315  
Eye Dam. 1, H318  
Skin Sens. 1, H317  
Aquatic Acute 3, H402  
Aquatic Chronic 3, H412 |
| Propylene glycol monomethyl ether acetate | (CAS-No.) 108-65-6 | 0.047 - 0.048 | Flam. Liq. 3, H226  
STOT SE 3, H336 |

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200]. Full text of H-phrases: see section 16

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. Obtain medical attention if irritation/rash develops or persists. Immediately drench affected area with water for at least 15 minutes.

First-aid Measures After Eye Contact: Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

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: Causes serious eye damage. Causes skin irritation. Skin sensitization.

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

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

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

Chronic Symptoms: None expected under normal conditions of use.

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.
NXT® Vapor Reduction Coating Part B
Safety Data Sheet
According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 5: FIRE-FIGHTING MEASURES

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

5.2. Special Hazards Arising From the Substance or Mixture
Fire Hazard: Not considered flammable but may burn at high temperatures.

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: 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. Ventilate area.

6.2. Environmental Precautions
Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

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. Avoid breathing vapors, mist, spray. Do not get in eyes, on skin, or on clothing.

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.


7.3. Specific End Use(s)
Vapor Reduction Membrane. For professional use only.

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>USA AIHA</th>
<th>WEEL TWA (ppm)</th>
<th>50 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol monomethyl ether acetate (108-65-6)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

03/28/2018 EN (English US)
8.2. Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.


SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State: Liquid
Appearance: Yellow
Odor: Mild
Odor Threshold: No data available
pH: No data available
Evaporation Rate: No data available
Melting Point: No data available
Freezing Point: No data available
Boiling Point: No data available
Flash Point: > 350.6 °F (177 °C)
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
Specific Gravity: 1.12
Solubility: Insoluble in water
Partition Coefficient: N-Octanol/Water: No data available
Viscosity: 1120 cP

9.2. Other Information: No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: Hazardous reactions will not occur under normal conditions. Excessive heating or exposure to incompatibilities may cause an exothermic polymerization reaction.

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.


10.6. Hazardous Decomposition Products: None expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity: Not classified

Oxirane, 2,2'-(1,4-butanediylbis(oxymethylene))bis- (2425-79-8)

| LD50 Oral Rat | 1134 mg/kg |

03/28/2018 EN (English US) 4/7
NXT® Vapor Reduction Coating Part B
Safety Data Sheet
According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Substance Description</th>
<th>EINECS/ENN</th>
<th>LD50 Oral Rat</th>
<th>LD50 Dermal Rabbit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATE (Dermal)</td>
<td></td>
<td>1,100.00 mg/kg body weight</td>
<td>&gt; 5 g/kg</td>
</tr>
<tr>
<td>ATE (Gases)</td>
<td></td>
<td>4,500.00 ppmV/4h</td>
<td></td>
</tr>
<tr>
<td>ATE (Vapors)</td>
<td></td>
<td>11.00 mg/l/4h</td>
<td></td>
</tr>
<tr>
<td>ATE (Dust/Mist)</td>
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<td>1.50 mg/l/4h</td>
<td></td>
</tr>
<tr>
<td>Propylene glycol monomethyl ether acetate (108-65-6)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td></td>
<td>8532 mg/kg</td>
<td></td>
</tr>
<tr>
<td>LD50 Dermal Rabbit</td>
<td></td>
<td>&gt; 5 g/kg</td>
<td></td>
</tr>
<tr>
<td>Formaldehyde, polymer with (chloromethyl)oxirane and phenol (9003-36-5)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td></td>
<td>&gt; 2 g/kg</td>
<td></td>
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<tr>
<td>Alkyl (C12-14) glycidyl ether (68609-97-2)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td></td>
<td>17100 mg/kg</td>
<td></td>
</tr>
<tr>
<td>LD50 Dermal Rabbit</td>
<td></td>
<td>&gt; 3987 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

Skin Corrosion/Irritation: Causes skin irritation.
Serious Eye Damage/Irritation: Causes serious eye damage.
Respiratory or Skin Sensitization: May cause an allergic skin reaction.
Germ Cell Mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive Toxicity: Not classified
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: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.
Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.
Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.
Chronic Symptoms: None expected under normal conditions of use.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity
Ecology - General: Toxic to aquatic life with long lasting effects.

Oxirane, 2,2'-[1,4-butanediylbis(oxymethylene)]bis- (2425-79-8)
LC50 Fish 1 | 13 mg/l | NOEC Chronic Algae | 29 mg/l |

Propylene glycol monomethyl ether acetate (108-65-6)
LC50 Fish 1 | 161 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) | EC50 Daphnia 1 | > 500 mg/l (Exposure time: 48 h - Species: Daphnia magna) |

Formaldehyde, polymer with (chloromethyl)oxirane and phenol (9003-36-5)
LOEC (Acute) | 0.3 mg/l Daphnia magna | NOEC Chronic Crustacea | 0.3 mg/l Daphnia magna |

12.2. Persistence and Degradability
NXT® Vapor Reduction Coating Part B
Persistence and Degradability: May cause long-term adverse effects in the environment.

12.3. Bioaccumulative Potential
NXT® Vapor Reduction Coating Part B
Bioaccumulative Potential: Not established.

Propylene glycol monomethyl ether acetate (108-65-6)
Log Pow | 0.43 |

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.
NXT® Vapor Reduction Coating Part B
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According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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

**Ecology - Waste Materials:** Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

### 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

<table>
<thead>
<tr>
<th>Proper Shipping Name</th>
<th>ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.</th>
<th>Hazard Class</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identification Number</td>
<td>UN3082</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Label Codes</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Packing Group</td>
<td>III</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marine Pollutant</td>
<td>Marine pollutant</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ERG Number</td>
<td>171</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 14.2. In Accordance with IMDG

<table>
<thead>
<tr>
<th>Proper Shipping Name</th>
<th>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.</th>
<th>Hazard Class</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identification Number</td>
<td>UN3082</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Label Codes</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EmS-No. (Fire)</td>
<td>F-A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EmS-No. (Spillage)</td>
<td>S-F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marine Pollutant</td>
<td>Marine pollutant</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 14.3. In Accordance with IATA

<table>
<thead>
<tr>
<th>Proper Shipping Name</th>
<th>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.</th>
<th>Hazard Class</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identification Number</td>
<td>UN3082</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Label Codes</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ERG Code (IATA)</td>
<td>9L</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SECTION 15: REGULATORY INFORMATION

#### 15.1. US Federal Regulations

<table>
<thead>
<tr>
<th>NXT® Vapor Reduction Coating Part B</th>
<th>SARA Section 311/312 Hazard Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health hazard - Respiratory or skin sensitization</td>
<td></td>
</tr>
<tr>
<td>Health hazard - Skin corrosion or irritation</td>
<td></td>
</tr>
<tr>
<td>Health hazard - Serious eye damage or eye irritation</td>
<td></td>
</tr>
</tbody>
</table>

**Oxirane, 2,2'-(1,4-butanediylbis(oxy)methylene)bis- (2425-79-8)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

**EPA TSCA Regulatory Flag**

TP - TP - indicates a substance that is the subject of a proposed Section 4 test rule under TSCA.

**Propylene glycol monomethyl ether acetate (108-65-6)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

**EPA TSCA Regulatory Flag**

P - P - indicates a commenced PMN substance.

**Oxirane, 2,2'-(1-methylethylidene)bis(4,1-phenyleneoxy)methylene]bis-, homopolymer (25085-99-8)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

**EPA TSCA Regulatory Flag**

XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e., Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).

**Formaldehyde, polymer with (chloromethyl)oxirane and phenol (9003-36-5)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

**EPA TSCA Regulatory Flag**

XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e., Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).
15.2. **US State Regulations** Neither this product nor its chemical components appear on any US state lists, or its chemical components are not required to be disclosed.

**SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION**

**Date of Preparation or Latest Revision**: 03/28/2018

**Other Information**: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

**GHS Full Text Phrases**:

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Dermal)</th>
<th>Acute toxicity (dermal) Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4 (Inhalation)</td>
<td>Acute toxicity (inhalation) Category 4</td>
</tr>
<tr>
<td>Acute Tox. 4 (Oral)</td>
<td>Acute toxicity (oral) Category 4</td>
</tr>
<tr>
<td>Aquatic Acute 2</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 2</td>
</tr>
<tr>
<td>Aquatic Acute 3</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 3</td>
</tr>
<tr>
<td>Aquatic Chronic 2</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 2</td>
</tr>
<tr>
<td>Aquatic Chronic 3</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 3</td>
</tr>
<tr>
<td>Eye Dam. 1</td>
<td>Serious eye damage/eye irritation Category 1</td>
</tr>
<tr>
<td>Eye Irrit. 2A</td>
<td>Serious eye damage/eye irritation Category 2A</td>
</tr>
<tr>
<td>Flam. Liq. 3</td>
<td>Flammable liquids Category 3</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation Category 2</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Skin sensitization, 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>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H312</td>
<td>Harmful in contact with skin</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H332</td>
<td>Harmful if inhaled</td>
</tr>
<tr>
<td>H336</td>
<td>May cause drowsiness or dizziness</td>
</tr>
<tr>
<td>H401</td>
<td>Toxic to aquatic life</td>
</tr>
<tr>
<td>H402</td>
<td>Harmful to aquatic life</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects</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)