NXT® Embossing Admix
Safety Data Sheet
According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
Revision Date: 07/22/2019    Date of Issue: 06/26/2019
Version: 2.0

SECTION 1: IDENTIFICATION
1.1. Product Identifier
   Product Form: Mixture
   Product Name: NXT® Embossing Admix
1.2. Intended Use of the Product
   Use of the Substance/Mixture: Admix
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
   Skin Sens. 1A  H317
   STOT RE 2   H373
   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):
   H317 - May cause an allergic skin reaction.
   H373 - May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).
   Precautionary Statements (GHS-US):
   P260 - Do not breathe vapors, spray, mist.
   P272 - Contaminated work clothing must not be allowed out of the workplace.
   P280 - Wear protective gloves, protective clothing, and eye protection.
   P302+P352 - If on skin: Wash with plenty of water.
   P314 - Get medical advice/attention if you feel unwell.
   P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
   P363 - Wash contaminated clothing before reuse.
   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 (CAS-No.)</th>
<th>%</th>
<th>GHS US classification</th>
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<tbody>
<tr>
<td>Ethylene glycol</td>
<td>107-21-1</td>
<td>1 - 5</td>
<td>Acute Tox. 4 (Oral), H302 STOT RE 2, H373</td>
</tr>
</tbody>
</table>
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**The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the 29 CFR 1910.1200.**

Full text of H-phrases: see section 16

<table>
<thead>
<tr>
<th>Compound</th>
<th>CAS-No.</th>
<th>Concentration</th>
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<tbody>
<tr>
<td>3(2H)-Isothiazolone, 2-methyl-</td>
<td>2682-20-4</td>
<td>0.001 - 0.011</td>
</tr>
<tr>
<td>Octamethylcyclotetrasiloxane</td>
<td>556-67-2</td>
<td>0.0005</td>
</tr>
</tbody>
</table>

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 15 minutes. Obtain medical attention if irritation/rash develops or persists.

First-aid Measures After Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical 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: May cause damage to organs (kidneys) through prolonged or repeated exposure (oral). Skin sensitization.

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

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction.

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

Symptoms/Injuries After Ingestion: Acute exposure of humans to ethylene glycol by ingesting large quantities causes three stages of health effects. CNS depression, including such symptoms as vomiting, drowsiness, coma, respiratory failure, convulsions, metabolic changes, and gastrointestinal upset are followed by cardiopulmonary effects and later renal damage.

Chronic Symptoms: May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).

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: 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.

 Hazardous Combustion Products: Carbon oxides (CO, CO₂). Formaldehyde. acetic acid.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

 General Measures: Avoid breathing (vapor, mist, spray). Do not get in eyes, on skin, or on clothing.
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.

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. Avoid contact with skin, eyes and 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.

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

7.3. Specific End Use(s)

Admix.

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>Octamethylcyclotetrasiloxane (556-67-2)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>USA AIHA WEEL TWA (ppm)</td>
<td>USA AIHA WEEL TWA (ppm)</td>
</tr>
<tr>
<td></td>
<td>10 ppm</td>
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<table>
<thead>
<tr>
<th>Ethylene glycol (107-21-1)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>USA ACGIH ACGIH TWA (ppm)</td>
<td>USA ACGIH ACGIH TWA (ppm)</td>
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<td></td>
<td>25 ppm (vapor fraction)</td>
</tr>
<tr>
<td>USA ACGIH ACGIH STEL (mg/m³)</td>
<td>USA ACGIH ACGIH STEL (ppm)</td>
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<td></td>
<td>10 mg/m³ (inhaalable particulate matter, aerosol only)</td>
</tr>
<tr>
<td>USA ACGIH ACGIH STEL (ppm)</td>
<td>USA ACGIH ACGIH chemical category</td>
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<tr>
<td></td>
<td>50 ppm (vapor fraction)</td>
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<tr>
<td></td>
<td>Not Classifiable as a Human Carcinogen</td>
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</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.


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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties
- Physical State: Liquid
- Appearance: Milky white liquid
- Odor: Acrylic
- Odor Threshold: No data available
- pH: No data available
- Evaporation Rate: No data available
- Melting Point: 0 °C (32 °F)
- Freezing Point: No data available
- Boiling Point: 100 °C (212 °F)
- Flash 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
- Specific Gravity: 1.00 - 1.03
- Solubility: Water: Dilutable
- Partition Coefficient: N-Octanol/Water: No data available
- Viscosity: No data available

9.2. Other Information: No additional information available

SECTION 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 known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects
- Acute Toxicity (Oral): Not classified
- Acute Toxicity (Dermal): Not classified
- Acute Toxicity (Inhalation): Not classified

Octamethylcyclotetrasiloxane (556-67-2)
- LD50 Oral Rat: 1540 mg/kg
- LD50 Dermal Rabbit: 794 µl/kg
- LC50 Inhalation Rat: 36 g/m³ (Exposure time: 4 h)

3(2H)-Isothiazalone, 2-methyl- (2682-20-4)
- LD50 Oral Rat: 120 mg/kg
- LD50 Dermal Rabbit: 200 mg/kg
- LC50 Inhalation Rat: 0.11 mg/l/4h

Ethylene glycol (107-21-1)
- LD50 Dermal Rat: 10600 mg/kg
- ATE (Oral): 500.00 mg/kg body weight

Skin Corrosion/Irritation: Not classified
Serious Eye Damage/Irritation: Not classified
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): May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).
Aspiration Hazard: Not classified
Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction.
Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.
Symptoms/Injuries After Ingestion: Acute exposure of humans to ethylene glycol by ingesting large quantities causes three stages of health effects. CNS depression, including such symptoms as vomiting, drowsiness, coma, respiratory failure, convulsions, metabolic changes, and gastrointestinal upset are followed by cardiopulmonary effects and later renal damage. Chronic Symptoms: May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity
Ecology - General: Not classified.
Octamethylcyclotetrasiloxane (556-67-2)
- LC50 Fish 1: > 500 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)
- LC50 Fish 2: > 1000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
Ethylene glycol (107-21-1)
- LC50 Fish 1: 41000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
- EC50 Daphnia 1: 14060 mg/l (Exposure time: 48 h - Species: Daphnia magna)
- LC50 Fish 2: 14 - 18 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
- NOEC Chronic Crustacea: 4.2 mg/l

12.2. Persistence and Degradability
NXT® Embossing Admix
- Persistence and Degradability: Not established.
12.3. Bioaccumulative Potential
NXT® Embossing Admix
- Bioaccumulative Potential: Not established.
Octamethylcyclotetrasiloxane (556-67-2)
- BCF Fish 1: 12400
- Log Pow: 5.1
Ethylene glycol (107-21-1)
- Log Pow: -1.93

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.
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.
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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

NXT® Embossing Admix

| SARA Section 311/312 Hazard Classes | Health hazard - Specific target organ toxicity (single or repeated exposure)
| Octamethylcyclotetrasiloxane (556-67-2) | Health hazard - Respiratory or skin sensitization

| EPA TSCA Regulatory Flag | T - T - indicates a substance that is the subject of a final TSCA section 4 test rule.

3(2H)-Isothiazolone, 2-methyl- (2682-20-4)

| EPA TSCA Regulatory Flag | PMN - PMN - indicates a commenced PMN substance.
| SP - SP - indicates a substance that is identified in a proposed Significant New Uses Rule.

Ethylene glycol (107-21-1)

| Listed on the United States TSCA (Toxic Substances Control Act) inventory | Subject to reporting requirements of United States SARA Section 313
| CERCLA RQ | 5000 lb
| SARA Section 313 - Emission Reporting | 1 %

15.2. US State Regulations

Ethylene glycol (107-21-1)

| U.S. - Massachusetts - Right To Know List
| U.S. - New Jersey - Right to Know Hazardous Substance List
| U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
| U.S. - Pennsylvania - RTK (Right to Know) List

California Proposition 65

WARNING: This product can expose you to Ethylene glycol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

<table>
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<tr>
<th>Chemical Name (CAS No.)</th>
<th>Carcinogenicity</th>
<th>Developmental Toxicity</th>
<th>Female Reproductive Toxicity</th>
<th>Male Reproductive Toxicity</th>
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<tbody>
<tr>
<td>Ethylene glycol (107-21-1)</td>
<td>X</td>
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</table>

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

Date of Preparation or Latest Revision: 07/22/2019

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:

- Acute Tox. 2 (Inhalation:dust,mist) Acute toxicity (inhalation:dust,mist) Category 2
- Acute Tox. 3 (Dermal) Acute toxicity (dermal) Category 3
- Acute Tox. 3 (Oral) Acute toxicity (oral) Category 3
- Acute Tox. 4 (Oral) Acute toxicity (oral) Category 4
- Aquatic Acute 1 Hazardous to the aquatic environment - Acute Hazard Category 1
- Aquatic Chronic 1 Hazardous to the aquatic environment - Chronic Hazard Category 1
- Aquatic Chronic 4 Hazardous to the aquatic environment - Chronic Hazard Category 4
- Eye Dam. 1 Serious eye damage/eye irritation Category 1
- Flam. Liq. 3 Flammable liquids Category 3
- Repr. 2 Reproductive toxicity Category 2
- Skin Corr. 1B Skin corrosion/irritation Category 1B
### Skin Sens. 1A
Skin sensitization, category 1A

### STOT RE 2
Specific target organ toxicity (repeated exposure) Category 2

### STOT SE 3
Specific target organ toxicity (single exposure) Category 3

### H226
Flammable liquid and vapor

### H301
Toxic if swallowed

### H302
Harmful if swallowed

### H311
Toxic in contact with skin

### H314
Causes severe skin burns and eye damage

### H317
May cause an allergic skin reaction

### H318
Causes serious eye damage

### H330
Fatal if inhaled

### H335
May cause respiratory irritation

### H361
Suspected of damaging fertility or the unborn child

### H373
May cause damage to organs through prolonged or repeated exposure

### H400
Very toxic to aquatic life

### H410
Very toxic to aquatic life with long lasting effects

### H413
May cause long lasting harmful effects to aquatic life

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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)