L&M™ LUMISEAL WB™
Safety Data Sheet
According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
Date of Issue: 08/12/2019
Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier
Product Form: Mixture
Product Name: L&M™ LUMISEAL WB™

1.2. Intended Use of the Product
Use of the Substance/Mixture: Sealer

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

Company
LATICRETE Canada ULC
PO Box 129, Emeryville, Ontario, Canada
NOR-1A0
(833)-254-9255

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
Skin Sens. 1  H317
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.
Precautionary Statements (GHS-US) : P261 - Avoid breathing vapors, mist, or spray.
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.
P321 - Specific treatment (see section 4 on this SDS).
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</th>
<th>%</th>
<th>GHS US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,2,4-Trimethylpentane-1,3-diol monoisobutyrate</td>
<td>(CAS-No.) 25265-77-4</td>
<td>1 - 5</td>
<td>Aquatic Acute 3, H402</td>
</tr>
<tr>
<td>Polypropylene glycol</td>
<td>(CAS-No.) 25322-69-4</td>
<td>0.291 - 0.294</td>
<td>Not classified</td>
</tr>
</tbody>
</table>
Full text of H-phrases: see section 16
** The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2015-17 and 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 15 minutes. Obtain medical attention if irritation/rash develops or persists.
First-aid Measures After Eye Contact: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for at least 15 minutes. 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: 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: 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.

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.
Hazardous Combustion Products: Smoke. Irritating or toxic vapors. Carbon oxides (CO, CO₂).

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: Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
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 oxidizers.

7.3. Specific End Use(s)
Sealer

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>Polypropylene glycol (25322-69-4)</th>
<th>USA AIHA WEEL TWA (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10 mg/m³ (aerosol)</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.


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: Translucent
Odor: No data available
Odor Threshold: No data available
pH: 8.5
Evaporation Rate: No data available
Melting Point: No data available
Freezing Point: No data available
Boiling Point: No data available
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: 1.02
 Solubility: Water: Soluble
 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 oxidizers.

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

2,2,4-Trimethylpentane-1,3-diol monoisobutyrate (25265-77-4)
LD50 Oral Rat: 3200 mg/kg
LD50 Dermal Rat: > 15200 mg/kg
LC50 Inhalation Rat: > 3.55 mg/l (Exposure time: 6 h)

Polypropylene glycol (25322-69-4)
LD50 Oral Rat: 3750 mg/kg

3(2H)-Isothiazolone, 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

Skin Corrosion/Irritation: Not classified (pH: 8.5)
Serious Eye Damage/Irritation: Not classified (pH: 8.5)
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.
Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.
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: Not classified.

2,2,4-Trimethylpentane-1,3-diol monoisobutyrate (25265-77-4)
L&M™ LUMISEAL WB™
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<table>
<thead>
<tr>
<th>LC50 Fish 1</th>
<th>30 mg/l (Exposure time: 96 h - Species: Pimephales promelas)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 Fish 2</td>
<td>33 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])</td>
</tr>
</tbody>
</table>

**12.2. Persistence and Degradability**

**L&M™ LUMISEAL WB™**
Persistence and Degradability
Not established.

**12.3. Bioaccumulative Potential**

**L&M™ LUMISEAL WB™**
Bioaccumulative Potential
Not established.

| 2,2,4-Trimethylpentane-1,3-diol monoisobutyrate (25265-77-4) |
| Log Pow | 3.47 (at 25 °C) |

**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**

**L&M™ LUMISEAL WB™**

<table>
<thead>
<tr>
<th>SARA Section 311/312 Hazard Classes</th>
<th>Health hazard - Respiratory or skin sensitization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water (7732-18-5)</td>
<td></td>
</tr>
<tr>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
<td></td>
</tr>
</tbody>
</table>

| 2,2,4-Trimethylpentane-1,3-diol monoisobutyrate (25265-77-4) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

| Polypropylene glycol (25322-69-4) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

<table>
<thead>
<tr>
<th>EPA TSCA Regulatory Flag</th>
<th>XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).</th>
</tr>
</thead>
</table>

| 3(2H)-Isothiazolone, 2-methyl- (2682-20-4) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

<table>
<thead>
<tr>
<th>EPA TSCA Regulatory Flag</th>
<th>PMN - PMN - indicates a commenced PMN substance. SP - SP - indicates a substance that is identified in a proposed Significant New Uses Rule.</th>
</tr>
</thead>
</table>

**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 : 08/12/2019

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
- **Aquatic Acute 1** Hazardous to the aquatic environment - Acute Hazard Category 1

08/12/2019   EN [English US]  5/6
<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic Acute 3</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 3</td>
</tr>
<tr>
<td>Aquatic Chronic 1</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 1</td>
</tr>
<tr>
<td>Eye Dam. 1</td>
<td>Serious eye damage/eye irritation Category 1</td>
</tr>
<tr>
<td>Skin Corr. 1B</td>
<td>Skin corrosion/irritation Category 1B</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Skin sensitization, Category 1</td>
</tr>
<tr>
<td>Skin Sens. 1A</td>
<td>Skin sensitization, category 1A</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity (single exposure) Category 3</td>
</tr>
<tr>
<td>H301</td>
<td>Toxic if swallowed</td>
</tr>
<tr>
<td>H311</td>
<td>Toxic in contact with skin</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</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>H330</td>
<td>Fatal if inhaled</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
<tr>
<td>H402</td>
<td>Harmful to aquatic life</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic 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)