



# LATAPOXY® 310 Stone Adhesive Part A Cartridge

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Date of Issue: 10/28/2020

Version: 1.0

### SECTION 1: IDENTIFICATION

#### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** LATAPOXY® 310 Stone Adhesive Part A Cartridge

**Product Code:** S-310AB-NC-08

#### 1.2. Intended Use of the Product

Adhesive. 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](http://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 ChemTel Inc. day or night:

(800)255-3924 (North America)

(800)-099-0731 (Mexico)

+1 (813)248-0585 (International - collect calls accepted)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the Substance or Mixture

##### GHS-US/CA Classification

Skin Corr. 1B H314

Eye Dam. 1 H318

Skin Sens. 1 H317

Repr. 2 H361

STOT RE 2 H373

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/CA Labeling

##### Hazard Pictograms (GHS-US/CA)



##### Signal Word (GHS-US/CA)

: Danger

##### Hazard Statements (GHS-US/CA)

- : H314 - Causes severe skin burns and eye damage.
- H317 - May cause an allergic skin reaction.
- H318 - Causes serious eye damage.
- H361 - Suspected of damaging fertility or the unborn child.
- H373 - May cause damage to organs (Liver, Muscles) through prolonged or repeated exposure.
- H401 - Toxic to aquatic life.
- H411 - Toxic to aquatic life with long lasting effects.

##### Precautionary Statements (GHS-US/CA)

- : P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P260 - Do not breathe vapors, mist, or spray.
- P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

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P272 - Contaminated work clothing should not be allowed out of the workplace.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, and eye protection.  
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P310 - Immediately call a POISON CENTER or doctor.  
P314 - Get medical advice/attention if you feel unwell.  
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.  
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/CA)

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name   | Product Identifier   | % *     | GHS Ingredient Classification   |
|--|----------------------|---------|---|
| Nepheline syenite  | (CAS-No.) 37244-96-5 | 30 - 60 | Not classified  |
| Phenol, 4-nonyl-, branched   | (CAS-No.) 84852-15-3 | 5 - 9   | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Repr. 2, H361<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                            |
| Poly[oxy(methyl-1,2-ethanediyl)],<br>.alpha.-(2-aminomethylethyl)-<br>.omega.-(2-aminomethylethoxy)-       | (CAS-No.) 9046-10-0  | 5 - 9   | Skin Corr. 1C, H314<br>Eye Dam. 1, H318<br>Asp. Tox. 1, H304<br>Aquatic Acute 3, H402<br>Aquatic Chronic 3, H412  |
| 1-Piperazineethanamine   | (CAS-No.) 140-31-8   | 2 - 6   | Flam. Liq. 4, H227<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 3, H402<br>Aquatic Chronic 3, H412 |
| Poly[oxy(methyl-1,2-ethanediyl)],<br>.alpha.-hydro-.omega.-hydroxy-,<br>ether with 2,2-bis(hydroxymethyl)- | (CAS-No.) 72244-98-5 | 3 - 7   | Skin Sens. 1B, H317<br>Aquatic Chronic 3, H412  |

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|   |                      |         |   |
|---|----------------------|---------|---|
| 1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether             |                      |         |   |
| Tall oil fatty acids, reaction product with Tetraethylene pentamine | (CAS-No.) 68953-36-6 | > 3     | Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Skin Sens. 1A, H317<br>STOT SE 3, H335  |
| Stearic acid  | (CAS-No.) 57-11-4    | 1 - 2   | Comb. Dust  |
| Cyclohexanamine, 4,4'-methylenebis-                                 | (CAS-No.) 1761-71-3  | 1 - 2   | Acute Tox. 4 (Oral), H302<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1B, H317<br>STOT RE 2, H373  |
| Tetraethylenepentamine  | (CAS-No.) 112-57-2   | < 1     | Acute Tox. 4 (Oral), H302<br>Acute Tox. 3 (Dermal), H311<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |
| 2,4,6-Tri(dimethylaminomethyl)phenol                                | (CAS-No.) 90-72-2    | 0.1 - 1 | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Skin Corr. 1C, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1B, H317<br>Aquatic Acute 3, H402                           |

Full text of H-phrases: see section 16

\*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

\*\* 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

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

**Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

**Skin Contact:** Immediately remove contaminated clothing. Immediately flush skin with plenty of water for at least 30 minutes. Get immediate medical advice/attention.

**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.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**General:** Suspected of damaging fertility or the unborn child. Skin sensitization. Causes severe skin burns and eye damage. May cause damage to organs (Liver, Muscles) through prolonged or repeated exposure.

**Inhalation:** May be corrosive to the respiratory tract.

**Skin Contact:** May cause an allergic skin reaction. Causes severe irritation which will progress to chemical burns.

**Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

**Ingestion:** May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

**Chronic Symptoms:** Suspected of damaging fertility or the unborn child. May cause damage to organs (Liver, Muscles) through prolonged or repeated exposure.

### 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.

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## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Water spray, fog, carbon dioxide (CO<sub>2</sub>), 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:** May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

### 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:** Nitrous fumes. Nitrogen oxides. Carbon oxides (CO, CO<sub>2</sub>). Hydrogen sulfide. Sulfur oxides.

**Other Information:** Do not allow run-off from fire fighting to enter drains or water courses.

### 5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

## 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 dust.

#### 6.1.1. For Non-Emergency Personnel

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

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 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 solid spills with appropriate barriers and prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Cautiously neutralize spilled solid.

### 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

**Additional Hazards When Processed:** May release corrosive vapors.

**Precautions for Safe Handling:** Do not breathe dust. 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 (dust, vapor, mist, gas). Handle empty containers with care because they may still present a hazard.

**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. Store in original container or corrosive resistant and/or lined container.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers and reducing agents.

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### 7.3. Specific End Use(s)

Adhesive. 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), OSHA (PEL), or Canadian provincial governments.

| Nepheline syenite (37244-96-5)    |                                |  |
|-----------------------------------|--------------------------------|--|
| Ontario                           | OEL TWA (mg/m <sup>3</sup> )   | 10 mg/m <sup>3</sup> (total dust)  |
| Stearic acid (57-11-4)            |                                |  |
| USA ACGIH                         | ACGIH TWA (mg/m <sup>3</sup> ) | 10 mg/m <sup>3</sup> (inhalable particulate matter (Stearates))<br>3 mg/m <sup>3</sup> (respirable particulate matter (Stearates))   |
| British Columbia                  | OEL TWA (mg/m <sup>3</sup> )   | 10 mg/m <sup>3</sup> (Stearates)   |
| Manitoba                          | OEL TWA (mg/m <sup>3</sup> )   | 10 mg/m <sup>3</sup> (inhalable particulate matter (Stearates))<br>3 mg/m <sup>3</sup> (respirable particulate matter (Stearates))   |
| Newfoundland & Labrador           | OEL TWA (mg/m <sup>3</sup> )   | 10 mg/m <sup>3</sup> (inhalable particulate matter (Stearates))<br>3 mg/m <sup>3</sup> (respirable particulate matter (Stearates))   |
| Nova Scotia                       | OEL TWA (mg/m <sup>3</sup> )   | 10 mg/m <sup>3</sup> (inhalable particulate matter (Stearates))<br>3 mg/m <sup>3</sup> (respirable particulate matter (Stearates))   |
| Ontario                           | OEL TWA (mg/m <sup>3</sup> )   | 10 mg/m <sup>3</sup> (except stearates of toxic metals-inhalable particulate matter)<br>3 mg/m <sup>3</sup> (except stearates of toxic metals-respirable particulate matter) |
| Prince Edward Island              | OEL TWA (mg/m <sup>3</sup> )   | 10 mg/m <sup>3</sup> (inhalable particulate matter (Stearates))<br>3 mg/m <sup>3</sup> (respirable particulate matter (Stearates))   |
| Québec                            | VEMP (mg/m <sup>3</sup> )      | 10 mg/m <sup>3</sup> (Stearates)   |
| Tetraethylenepentamine (112-57-2) |                                |  |
| USA AIHA                          | WEEL TWA (mg/m <sup>3</sup> )  | 5 mg/m <sup>3</sup>  |
| USA AIHA                          | AIHA chemical category         | skin notation, Skin sensitizer   |

### 8.2. Exposure Controls

**Appropriate Engineering Controls:** 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.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection. Face shield.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics. Corrosion-proof clothing.

**Hand Protection:** Wear protective gloves.

**Eye and Face Protection:** Chemical safety goggles and face shield.

**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 : Solid  
Appearance : Light red

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|   |                    |
|---|--------------------|
| <b>Odor</b>                                   | : Ammonia          |
| <b>Odor Threshold</b>                         | : Not available    |
| <b>pH</b>                                     | : Not available    |
| <b>Evaporation Rate</b>                       | : Not available    |
| <b>Melting Point</b>                          | : Not available    |
| <b>Freezing Point</b>                         | : Not available    |
| <b>Boiling Point</b>                          | : Not available    |
| <b>Flash Point</b>                            | : Not available    |
| <b>Auto-ignition Temperature</b>              | : Not available    |
| <b>Decomposition Temperature</b>              | : Not available    |
| <b>Flammability (solid, gas)</b>              | : Not available    |
| <b>Lower Flammable Limit</b>                  | : Not available    |
| <b>Upper Flammable Limit</b>                  | : Not available    |
| <b>Vapor Pressure</b>                         | : Not available    |
| <b>Relative Vapor Density at 20°C</b>         | : Not available    |
| <b>Relative Density</b>                       | : Not available    |
| <b>Specific Gravity</b>                       | : 1.5 g/ml         |
| <b>Solubility</b>                             | : Water: Insoluble |
| <b>Partition Coefficient: N-Octanol/Water</b> | : Not available    |
| <b>Viscosity</b>                              | : Not available    |

## SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent 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.
- 10.5. Incompatible Materials:** Strong acids, strong bases, strong oxidizers and reducing agents.
- 10.6. Hazardous Decomposition Products:** Thermal decomposition generates: Corrosive vapors.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects - Product

**Acute Toxicity (Oral):** Not classified

**Acute Toxicity (Dermal):** Not classified

**Acute Toxicity (Inhalation):** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Causes severe skin burns.

**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

**Specific Target Organ Toxicity (Repeated Exposure):** May cause damage to organs through prolonged or repeated exposure.

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

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** May be corrosive to the respiratory tract.

**Symptoms/Injuries After Skin Contact:** May cause an allergic skin reaction. Causes severe irritation which will progress to chemical burns.

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

**Symptoms/Injuries After Ingestion:** May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

**Chronic Symptoms:** Suspected of damaging fertility or the unborn child. May cause damage to organs (Liver, Muscles) through prolonged or repeated exposure.

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### 11.2. Information on Toxicological Effects - Ingredient(s)

#### LD50 and LC50 Data:

|  |   |
|--|---|
| <b>Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)- (9046-10-0)</b> |   |
| LD50 Oral Rat  | 2885 mg/kg (Specoes: Sprague-Dawley)    |
| LD50 Dermal Rabbit   | 2980 mg/kg                              |
| <b>Phenol, 4-nonyl-, branched (84852-15-3)</b>   |   |
| LD50 Oral Rat  | 1300 mg/kg                              |
| LD50 Dermal Rabbit   | 2000 mg/kg                              |
| ATE US/CA (dermal)   | 2,000.00 mg/kg body weight              |
| <b>1-Piperazineethanamine (140-31-8)</b>   |   |
| LD50 Oral Rat  | 2140 µl/kg                              |
| LD50 Dermal Rabbit   | 880 µl/kg                               |
| ATE US/CA (oral)   | 500.00 mg/kg body weight                |
| ATE US/CA (dermal)   | 1,100.00 mg/kg body weight              |
| <b>Stearic acid (57-11-4)</b>  |   |
| LD50 Oral Rat  | > 5000 mg/kg                            |
| LD50 Dermal Rat  | > 2000 mg/kg                            |
| <b>Cyclohexanamine, 4,4'-methylenebis- (1761-71-3)</b>   |   |
| LD50 Oral Rat  | 1000 mg/kg                              |
| LD50 Dermal Rabbit   | 2110 mg/kg (Species: New Zealand White) |
| <b>2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2)</b>  |   |
| LD50 Oral Rat  | 1200 mg/kg                              |
| LD50 Dermal Rat  | 1280 mg/kg                              |
| <b>Tetraethylenepentamine (112-57-2)</b>   |   |
| LD50 Dermal Rabbit   | 660 – 1260 mg/kg                        |
| ATE US/CA (oral)   | 500.00 mg/kg body weight                |

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

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

|  |  |
|--|--|
| <b>Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)- (9046-10-0)</b> |  |
| EC50 Daphnia 1   | 80 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])                      |
| NOEC Chronic Crustacea   | 18 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])                      |
| <b>Phenol, 4-nonyl-, branched (84852-15-3)</b>   |  |
| LC50 Fish 1  | 0.135 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])       |
| EC50 Daphnia 1   | 0.14 mg/l (Exposure time: 48 h - Species: Daphnia magna)                             |
| LC50 Fish 2  | 0.1351 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])      |
| NOEC Chronic Fish  | 0.006  |
| <b>1-Piperazineethanamine (140-31-8)</b>   |  |
| LC50 Fish 1  | 1950 – 2460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1   | 32 mg/l (Exposure time: 48 h - Species: Daphnia magna)                               |
| LC50 Fish 2  | > 1000 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [semi-static])       |
| <b>2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2)</b>  |  |
| ErC50 (algae)  | 84 mg/l  |
| NOEC Chronic Algae   | 6.25 g/l   |
| <b>Tetraethylenepentamine (112-57-2)</b>   |  |
| LC50 Fish 1  | 420 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [static])               |
| EC50 Daphnia 1   | 24.1 mg/l (Exposure time: 48 h - Species: Daphnia magna)                             |
| ErC50 (algae)  | 0.12 mg/l  |

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### 12.2. Persistence and Degradability

|   |   |
|---|---|
| LATAPOXY® 310 Stone Adhesive Part A Cartridge |   |
| Persistence and Degradability                 | May cause long-term adverse effects in the environment. |

### 12.3. Bioaccumulative Potential

|   |                               |
|---|-------------------------------|
| LATAPOXY® 310 Stone Adhesive Part A Cartridge   |                               |
| Bioaccumulative Potential   | Not established.              |
| Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)- (9046-10-0) |                               |
| Partition coefficient n-octanol/water (Log Kow)   | 0                             |
| Phenol, 4-nonyl-, branched (84852-15-3)   |                               |
| BCF Fish 1  | 271                           |
| 1-Piperazineethanamine (140-31-8)   |                               |
| BCF Fish 1  | (no bioaccumulation expected) |
| Partition coefficient n-octanol/water (Log Pow)   | -1.48                         |
| Cyclohexanamine, 4,4'-methylenebis- (1761-71-3)   |                               |
| Partition coefficient n-octanol/water (Log Pow)   | 2.03                          |
| Tetraethylenepentamine (112-57-2)   |                               |
| BCF Fish 1  | (no bioaccumulation expected) |
| Partition coefficient n-octanol/water (Log Pow)   | < 1                           |

### 12.4. Mobility in Soil

|   |       |
|---|-------|
| Stearic acid (57-11-4)                          |       |
| Partition coefficient n-octanol/water (Log Koc) | 51.05 |

### 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, territorial, provincial, and international regulations.

**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

**Proper Shipping Name** : CORROSIVE LIQUIDS, N.O.S.(Phenol, 4-nonyl-, branched,Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-)

**Hazard Class** : 8

**Identification Number** : UN1760

**Label Codes** : 8

**Packing Group** : II

**Marine Pollutant** : Marine pollutant

**ERG Number** : 154

### 14.2. In Accordance with IMDG

**Proper Shipping Name** : CORROSIVE LIQUID, N.O.S.(Phenol, 4-nonyl-, branched,Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-)

**Hazard Class** : 8





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**Identification Number** : UN1760  
**Label Codes** : 8  
**Packing Group** : II  
**EmS-No. (Fire)** : F-A  
**EmS-No. (Spillage)** : S-B  
**Marine pollutant** : Marine pollutant

### 14.3. In Accordance with IATA

**Proper Shipping Name** : CORROSIVE LIQUID, N.O.S. (Phenol, 4-nonyl-, branched, Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-)

**Hazard Class** : 8  
**Identification Number** : UN1760  
**Label Codes** : 8  
**Packing Group** : II  
**ERG Code (IATA)** : 8L



### 14.4. In Accordance with TDG

**Proper Shipping Name** : CORROSIVE LIQUID, N.O.S. (Phenol, 4-nonyl-, branched, Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-)

**Hazard Class** : 8  
**Identification Number** : UN1760  
**Label Codes** : 8  
**Packing Group** : II  
**Marine Pollutant (TDG)** : Marine pollutant



## SECTION 15: REGULATORY INFORMATION

### 15.1. US Federal Regulations

|   |  |
|---|--|
| <b>LATAPOXY® 310 Stone Adhesive Part A Cartridge</b>  |  |
| <b>SARA Section 311/312 Hazard Classes</b>  | Health hazard - Reproductive toxicity<br>Health hazard - Specific target organ toxicity (single or repeated exposure)<br>Health hazard - Respiratory or skin sensitization<br>Health hazard - Serious eye damage or eye irritation<br>Health hazard - Skin corrosion or Irritation |
| <b>Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)- (9046-10-0)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory   |  |
| <b>EPA TSCA Regulatory Flag</b>   | XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).  |
| <b>Phenol, 4-nonyl-, branched (84852-15-3)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Subject to reporting requirements of United States SARA Section 313                                |  |
| <b>EPA TSCA Regulatory Flag</b>   | SP - SP - indicates a substance that is identified in a proposed Significant New Uses Rule.  |
| <b>SARA Section 313 - Emission Reporting</b>  | 1 %  |
| <b>Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether (72244-98-5)</b> |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory   |  |
| <b>EPA TSCA Regulatory Flag</b>   | XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).  |
| <b>1-Piperazineethanamine (140-31-8)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory   |  |
| <b>Stearic acid (57-11-4)</b>   |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory   |  |
| <b>Cyclohexanamine, 4,4'-methylenebis- (1761-71-3)</b>  |  |

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|   |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory               |
| <b>2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2)</b>                                   |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory               |
| <b>Tetraethylenepentamine (112-57-2)</b>  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory               |
| <b>Tall oil fatty acids, reaction product with Tetraethylene pentamine (68953-36-6)</b> |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory               |

### 15.2. US State Regulations

#### California Proposition 65

 **WARNING:** This product can expose you to Quartz, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

| Chemical Name (CAS No.) | Carcinogenicity | Developmental Toxicity | Female Reproductive Toxicity | Male Reproductive Toxicity |
|-------------------------|-----------------|------------------------|------------------------------|----------------------------|
| Quartz (14808-60-7)     | X               |                        |                              |                            |

|   |
|---|
| <b>1-Piperazineethanamine (140-31-8)</b>  |
| U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - Pennsylvania - RTK (Right to Know) List<br>U.S. - Massachusetts - Right To Know List |
| <b>Tetraethylenepentamine (112-57-2)</b>  |
| U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - Pennsylvania - RTK (Right to Know) List<br>U.S. - Massachusetts - Right To Know List |

### 15.3. Canadian Regulations

|   |
|---|
| <b>Nepheline syenite (37244-96-5)</b>   |
| Listed on the Canadian DSL (Domestic Substances List)   |
| <b>Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)- (9046-10-0)</b>  |
| Listed on the Canadian DSL (Domestic Substances List)   |
| <b>Phenol, 4-nonyl-, branched (84852-15-3)</b>  |
| Listed on the Canadian DSL (Domestic Substances List)   |
| <b>Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether (72244-98-5)</b> |
| Listed on the Canadian DSL (Domestic Substances List)   |
| <b>1-Piperazineethanamine (140-31-8)</b>  |
| Listed on the Canadian DSL (Domestic Substances List)   |
| <b>Stearic acid (57-11-4)</b>   |
| Listed on the Canadian DSL (Domestic Substances List)   |
| <b>Cyclohexanamine, 4,4'-methylenebis- (1761-71-3)</b>  |
| Listed on the Canadian DSL (Domestic Substances List)   |
| <b>2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2)</b>   |
| Listed on the Canadian DSL (Domestic Substances List)   |
| <b>Tetraethylenepentamine (112-57-2)</b>  |
| Listed on the Canadian DSL (Domestic Substances List)   |
| <b>Tall oil fatty acids, reaction product with Tetraethylene pentamine (68953-36-6)</b>   |
| Listed on the Canadian DSL (Domestic Substances List)   |

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

Date of Preparation or Latest Revision : 10/28/2020

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### Other Information

: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

### GHS Full Text Phrases:

|                       |   |
|-----------------------|---|
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal) Category 3                                |
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal) Category 4                                |
| Acute Tox. 4 (Oral)   | Acute toxicity (oral) Category 4                                  |
| Aquatic Acute 1       | Hazardous to the aquatic environment - Acute Hazard Category 1    |
| Aquatic Acute 2       | Hazardous to the aquatic environment - Acute Hazard Category 2    |
| Aquatic Acute 3       | Hazardous to the aquatic environment - Acute Hazard Category 3    |
| Aquatic Chronic 1     | Hazardous to the aquatic environment - Chronic Hazard Category 1  |
| Aquatic Chronic 2     | Hazardous to the aquatic environment - Chronic Hazard Category 2  |
| Aquatic Chronic 3     | Hazardous to the aquatic environment - Chronic Hazard Category 3  |
| Asp. Tox. 1           | Aspiration hazard Category 1                                      |
| Comb. Dust            | Combustible Dust  |
| Eye Dam. 1            | Serious eye damage/eye irritation Category 1                      |
| Eye Irrit. 2A         | Serious eye damage/eye irritation Category 2A                     |
| Flam. Liq. 4          | Flammable liquids Category 4                                      |
| Repr. 2               | Reproductive toxicity Category 2                                  |
| Skin Corr. 1B         | Skin corrosion/irritation Category 1B                             |
| Skin Corr. 1C         | Skin corrosion/irritation Category 1C                             |
| Skin Irrit. 2         | Skin corrosion/irritation Category 2                              |
| Skin Sens. 1          | Skin sensitization, Category 1                                    |
| Skin Sens. 1A         | Skin sensitization, category 1A                                   |
| Skin Sens. 1B         | Skin sensitization, category 1B                                   |
| STOT RE 2             | Specific target organ toxicity (repeated exposure) Category 2     |
| STOT SE 3             | Specific target organ toxicity (single exposure) Category 3       |
| H227                  | Combustible liquid  |
| H302                  | Harmful if swallowed  |
| H304                  | May be fatal if swallowed and enters airways                      |
| H311                  | Toxic in contact with skin  |
| H312                  | Harmful in contact with skin                                      |
| H314                  | Causes severe skin burns and eye damage                           |
| H315                  | Causes skin irritation  |
| H317                  | May cause an allergic skin reaction                               |
| H318                  | Causes serious eye damage   |
| H319                  | Causes serious eye irritation                                     |
| 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  |
| H401                  | Toxic to aquatic life   |
| H402                  | Harmful to aquatic life   |
| H410                  | Very toxic to aquatic life with long lasting effects              |
| H411                  | Toxic to aquatic life with long lasting effects                   |
| H412                  | Harmful to aquatic life with long lasting effects                 |

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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.*

NA GHS SDS 2015 (Can, US)