



LATAPOXY® 310 Stone Adhesive Part A Pail

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: 05/27/2020

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: LATAPOXY® 310 Stone Adhesive Part A Pail

Product Code: S-0310A-NS-10

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

Company

LATICRETE Canada ULC

PO Box 129, Emeryville, Ontario, Canada

N0R-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

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.

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.

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.

LATAPOXY® 310 Stone Adhesive Part A Pail

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).

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.
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. This product contains an ingredient that is a potential combustible dust. In sufficient quantities in air with an ignition source this material may present a combustible dust hazard. Take appropriate precautions, avoid sparks and other ignition sources.

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 | 45- 70 | Not classified |
| Iron oxide (Fe2O3) | (CAS-No.) 1309-37-1 | 7 - 13 | Comb. Dust |
| Tall oil fatty acids, reaction product with Tetraethylene pentamine | (CAS-No.) 68953-36-6 | 9 - 10 | Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1A, H317 STOT SE 3, H335 |
| Phenol, 4-nonyl-, branched | (CAS-No.) 84852-15-3 | 1.7 - 2.5 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Repr. 2, H361 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| 1-Piperazineethanamine | (CAS-No.) 140-31-8 | 1 - 5 | Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 3, H402 Aquatic Chronic 3, H412 |
| Benzyl alcohol | (CAS-No.) 100-51-6 | 1 - 5 | Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Irrit. 2A, H319 Aquatic Acute 2, H401 |

LATAPOXY® 310 Stone Adhesive Part A Pail

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).

| | | | |
|--|---------------------|-----------|---|
| 1,3-Benzenedimethanamine | (CAS-No.) 1477-55-0 | 1.2 - 1.7 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr. 1B, H314 Skin Sens. 1B, H317 Aquatic Acute 3, H402 |
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl- | (CAS-No.) 2855-13-2 | 0.7 - 1 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 3, H402 Aquatic Chronic 3, H412 |
| 2,4,6-Tri(dimethylaminomethyl)phenol | (CAS-No.) 90-72-2 | 0.1 - 1 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1B, H317 Aquatic Acute 3, H402 |
| Tetraethylenepentamine | (CAS-No.) 112-57-2 | 0.5 - 0.7 | Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |

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.

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.

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.

LATAPOXY® 310 Stone Adhesive Part A Pail

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).

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: 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: Carbon oxides (CO, CO₂). Nitrous fumes. Nitrogen 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. As supplied, this product is a viscous, tacky semi-solid.

However, when cured and dried this product may produce combustible dust when cut, sanded, ground, or otherwise processed. Use caution when working with combustible dusts. Use appropriate engineering controls to keep generation of airborne dust to a minimum.

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.

LATAPOXY® 310 Stone Adhesive Part A Pail

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).

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: Acids. Strong oxidizers.

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 ³) | 10 mg/m ³ (total dust) |
| Iron oxide (Fe₂O₃) (1309-37-1) | | |
| USA ACGIH | ACGIH TWA (mg/m ³) | 5 mg/m ³ (respirable particulate matter) |
| USA ACGIH | ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 10 mg/m ³ (fume) 15 mg/m ³ (total dust (Rouge)) 5 mg/m ³ (respirable fraction (Rouge)) |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 5 mg/m ³ (dust and fume) |
| USA IDLH | US IDLH (mg/m ³) | 2500 mg/m ³ (dust and fume) |
| Alberta | OEL TWA (mg/m ³) | 5 mg/m ³ (respirable) |
| British Columbia | OEL STEL (mg/m ³) | 10 mg/m ³ (fume) |
| British Columbia | OEL TWA (mg/m ³) | 10 mg/m ³ (regulated under Rouge-total particulate (Rouge)) 3 mg/m ³ (regulated under Rouge: particulate matter containing no Asbestos and <1% Crystalline silica-respirable particulate (Rouge)) 5 mg/m ³ (dust and fume) |
| Manitoba | OEL TWA (mg/m ³) | 5 mg/m ³ (respirable particulate matter) |
| New Brunswick | OEL TWA (mg/m ³) | 5 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica, dust and fume) 10 mg/m ³ (regulated under Rouge-particulate matter containing no Asbestos and <1% Crystalline silica) |
| Newfoundland & Labrador | OEL TWA (mg/m ³) | 5 mg/m ³ (respirable particulate matter) |
| Nova Scotia | OEL TWA (mg/m ³) | 5 mg/m ³ (respirable particulate matter) |
| Nunavut | OEL STEL (mg/m ³) | 10 mg/m ³ (dust and fume) 20 mg/m ³ (regulated under Rouge) |
| Nunavut | OEL TWA (mg/m ³) | 5 mg/m ³ (dust and fume) 10 mg/m ³ (regulated under Rouge) |
| Northwest Territories | OEL STEL (mg/m ³) | 10 mg/m ³ (dust and fume) 20 mg/m ³ (regulated under Rouge) |
| Northwest Territories | OEL TWA (mg/m ³) | 5 mg/m ³ (dust and fume) 10 mg/m ³ (regulated under Rouge) |
| Ontario | OEL TWA (mg/m ³) | 5 mg/m ³ (respirable) |
| Prince Edward Island | OEL TWA (mg/m ³) | 5 mg/m ³ (respirable particulate matter) |
| Québec | VEMP (mg/m ³) | 5 mg/m ³ (dust and fume) 10 mg/m ³ (containing no Asbestos and <1% Crystalline silica, regulated under Rouge-total dust) |
| Saskatchewan | OEL STEL (mg/m ³) | 10 mg/m ³ (dust and fume) 20 mg/m ³ (regulated under Rouge) |
| Saskatchewan | OEL TWA (mg/m ³) | 5 mg/m ³ (dust and fume) |

LATAPOXY® 310 Stone Adhesive Part A Pail

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).

| | | |
|---|--|--|
| | | 10 mg/m ³ (regulated under Rouge) |
| Yukon | OEL STEL (mg/m ³) | 10 mg/m ³ (fume) 20 mg/m ³ (regulated under Rouge) |
| Yukon | OEL TWA (mg/m ³) | 5 mg/m ³ (fume) 30 mppcf (regulated under Rouge) 10 mg/m ³ (regulated under Rouge) |
| Benzyl alcohol (100-51-6) | | |
| USA AIHA | WEEL TWA (ppm) | 10 ppm |
| 1,3-Benzenedimethanamine (1477-55-0) | | |
| USA ACGIH | ACGIH Ceiling (ppm) | 0.018 ppm |
| USA ACGIH | ACGIH chemical category | Skin - potential significant contribution to overall exposure by the cutaneous route |
| USA NIOSH | NIOSH REL (ceiling) (mg/m ³) | 0.1 mg/m ³ |
| Alberta | OEL Ceiling (mg/m ³) | 0.1 mg/m ³ |
| British Columbia | OEL Ceiling (mg/m ³) | 0.1 mg/m ³ |
| Manitoba | OEL Ceiling (ppm) | 0.018 ppm |
| New Brunswick | OEL Ceiling (mg/m ³) | 0.1 mg/m ³ |
| Newfoundland & Labrador | OEL Ceiling (ppm) | 0.018 ppm |
| Nova Scotia | OEL Ceiling (ppm) | 0.018 ppm |
| Nunavut | OEL Ceiling (mg/m ³) | 0.1 mg/m ³ |
| Northwest Territories | OEL Ceiling (mg/m ³) | 0.1 mg/m ³ |
| Ontario | OEL Ceiling (mg/m ³) | 0.1 mg/m ³ |
| Prince Edward Island | OEL Ceiling (ppm) | 0.018 ppm |
| Québec | PLAFOND (mg/m ³) | 0.1 mg/m ³ |
| Saskatchewan | OEL Ceiling (mg/m ³) | 0.1 mg/m ³ |
| Yukon | OEL Ceiling (mg/m ³) | 0.1 mg/m ³ |
| Tetraethylenepentamine (112-57-2) | | |
| USA AIHA | WEEL TWA (mg/m ³) | 5 mg/m ³ |
| 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 paste

LATAPOXY® 310 Stone Adhesive Part A Pail

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).

| | |
|--|--------------------|
| Odor | : Ammonia |
| Odor Threshold | : Not available |
| pH | : Not available |
| Evaporation Rate | : Not available |
| Melting Point | : Not available |
| Freezing Point | : Not available |
| Boiling Point | : Not available |
| Flash Point | : Not available |
| Auto-ignition Temperature | : Not available |
| Decomposition Temperature | : Not available |
| Flammability (solid, gas) | : Not available |
| Lower Flammable Limit | : Not available |
| Upper Flammable Limit | : Not available |
| Vapor Pressure | : Not available |
| Relative Vapor Density at 20°C | : Not available |
| Relative Density | : Not available |
| Density | : 1.5 g/ml |
| Specific Gravity | : Not available |
| Solubility | : Water: Insoluble |
| Partition Coefficient: N-Octanol/Water | : Not available |
| Viscosity | : 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 may occur if exposed to high temperature.
- 10.4. Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.
- 10.5. Incompatible Materials:** Acids. Strong oxidizers.
- 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 and eye damage.

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): Not classified

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.

LATAPOXY® 310 Stone Adhesive Part A Pail

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).

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

| | |
|---|--------------------------------|
| Iron oxide (Fe2O3) (1309-37-1) | |
| LD50 Oral Rat | > 10000 mg/kg |
| 1-Piperazineethanamine (140-31-8) | |
| 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 |
| Benzyl alcohol (100-51-6) | |
| LD50 Oral Rat | 1230 mg/kg |
| LD50 Dermal Rabbit | > 2000 mg/kg |
| LD50 Intravenous Rat | 53 mg/kg |
| LC50 Inhalation Rat | > 4.178 mg/l/4h |
| ATE US/CA (dust, mist) | 1.50 mg/l/4h |
| 2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2) | |
| LD50 Oral Rat | 1200 mg/kg |
| LD50 Dermal Rat | 1280 mg/kg |
| Phenol, 4-nonyl-, branched (84852-15-3) | |
| LD50 Oral Rat | 1300 mg/kg |
| LD50 Dermal Rabbit | 2000 mg/kg |
| 1,3-Benzenedimethanamine (1477-55-0) | |
| LD50 Oral Rat | 1090 mg/kg (Species: Wistar) |
| LD50 Dermal Rabbit | 2 g/kg |
| LC50 Inhalation Rat | 350 ppm/4h |
| LC50 Inhalation Rat | 1.34 mg/l/4h (Species: Wistar) |
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl- (2855-13-2) | |
| LD50 Oral Rat | 1030 mg/kg |
| LD50 Dermal Rat | > 2000 mg/kg |
| ATE US/CA (dermal) | 1,100.00 mg/kg body weight |
| Tetraethylenepentamine (112-57-2) | |
| LD50 Dermal Rabbit | 660 - 1260 mg/kg |
| ATE US/CA (oral) | 500.00 mg/kg body weight |
| Iron oxide (Fe2O3) (1309-37-1) | |
| IARC Group | 3 |

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

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

| | |
|--|--|
| Iron oxide (Fe2O3) (1309-37-1) | |
| LC50 Fish 1 | 100000 mg/l (Exposure time: 96 h - Species: Danio rerio [static]) |
| 1-Piperazineethanamine (140-31-8) | |
| 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]) |
| Benzyl alcohol (100-51-6) | |
| LC50 Fish 1 | 460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| EC50 Daphnia 1 | 23 mg/l (Exposure time: 48 h - Species: water flea) |
| LC50 Fish 2 | 10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| ErC50 (algae) | 770 mg/l |

LATAPOXY® 310 Stone Adhesive Part A Pail

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).

| | |
|---|---|
| 2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2) | |
| ErC50 (algae) | 84 mg/l |
| NOEC Chronic Algae | 6.25 g/l |
| Phenol, 4-nonyl-, branched (84852-15-3) | |
| 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 |
| 1,3-Benzenedimethanamine (1477-55-0) | |
| LC50 Fish 1 | 75 mg/l |
| EC50 Daphnia 1 | 15 mg/l |
| NOEC Chronic Crustacea | 4.7 mg/l |
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl- (2855-13-2) | |
| EC50 Daphnia 1 | 14.6 - 21.5 mg/l (Exposure time: 48 h - Species: Daphnia magna [semi-static]) |
| NOEC Chronic Crustacea | 3 mg/l |
| Tetraethylenepentamine (112-57-2) | |
| 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 |

12.2. Persistence and Degradability

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

12.3. Bioaccumulative Potential

| | |
|---|-------------------------------|
| LATAPOXY® 310 Stone Adhesive Part A Pail | |
| Bioaccumulative Potential | Not established. |
| 1-Piperazineethanamine (140-31-8) | |
| BCF Fish 1 | (no bioaccumulation expected) |
| Log Pow | -1.48 |
| Benzyl alcohol (100-51-6) | |
| Log Pow | 1.1 |
| Phenol, 4-nonyl-, branched (84852-15-3) | |
| BCF Fish 1 | 271 |
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl- (2855-13-2) | |
| Log Pow | 0.79 (at 23 °C) |
| Tetraethylenepentamine (112-57-2) | |
| BCF Fish 1 | (no bioaccumulation expected) |
| Log Pow | < 1 |

12.4. Mobility in Soil Not 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, 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.

LATAPOXY® 310 Stone Adhesive Part A Pail

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).

14.1. In Accordance with DOT

Proper Shipping Name : CORROSIVE SOLIDS, N.O.S.(1-Piperazineethanamine; Phenol, 4-nonyl-, branched)
Hazard Class : 8
Identification Number : UN1759
Label Codes : 8
Packing Group : III
Marine Pollutant : Marine pollutant
ERG Number : 154



14.2. In Accordance with IMDG

Proper Shipping Name : CORROSIVE SOLID, N.O.S.(1-Piperazineethanamine; Phenol, 4-nonyl-, branched)
Hazard Class : 8
Identification Number : UN1759
Label Codes : 8
Packing Group : III
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-B
Marine pollutant : Marine pollutant



14.3. In Accordance with IATA

Proper Shipping Name : CORROSIVE SOLID, N.O.S. (1-Piperazineethanamine; Phenol, 4-nonyl-, branched)
Hazard Class : 8
Identification Number : UN1759
Label Codes : 8
Packing Group : III
ERG Code (IATA) : 8L



14.4. In Accordance with TDG

Proper Shipping Name : CORROSIVE SOLID, N.O.S.(1-Piperazineethanamine; Phenol, 4-nonyl-, branched)
Hazard Class : 8
Identification Number : UN1759
Label Codes : 8
Packing Group : III
Marine Pollutant (TDG) : Marine pollutant



SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

| | |
|--|--|
| LATAPOXY® 310 Stone Adhesive Part A Pail | |
| SARA Section 311/312 Hazard Classes | Health hazard - Reproductive toxicity Health hazard - Respiratory or skin sensitization Health hazard - Serious eye damage or eye irritation Health hazard - Skin corrosion or Irritation |
| Iron oxide (Fe2O3) (1309-37-1) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| 1-Piperazineethanamine (140-31-8) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Benzyl alcohol (100-51-6) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| 2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Phenol, 4-nonyl-, branched (84852-15-3) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313 | |
| EPA TSCA Regulatory Flag | SP - SP - indicates a substance that is identified in a proposed |

LATAPOXY® 310 Stone Adhesive Part A Pail

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).

| | |
|---|----------------------------|
| | Significant New Uses Rule. |
| SARA Section 313 - Emission Reporting | 1 % |
| 1,3-Benzenedimethanamine (1477-55-0) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl- (2855-13-2) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Tall oil fatty acids, reaction product with Tetraethylene pentamine (68953-36-6) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Tetraethylenepentamine (112-57-2) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |

15.2. US State Regulations

| | |
|---|--|
| Iron oxide (Fe2O3) (1309-37-1) | |
| U.S. - Massachusetts - Right To Know List | |
| U.S. - New Jersey - Right to Know Hazardous Substance List | |
| U.S. - Pennsylvania - RTK (Right to Know) List | |
| 1-Piperazineethanamine (140-31-8) | |
| U.S. - Massachusetts - Right To Know List | |
| U.S. - New Jersey - Right to Know Hazardous Substance List | |
| U.S. - Pennsylvania - RTK (Right to Know) List | |
| Benzyl alcohol (100-51-6) | |
| U.S. - Massachusetts - Right To Know List | |
| U.S. - Pennsylvania - RTK (Right to Know) List | |
| 1,3-Benzenedimethanamine (1477-55-0) | |
| U.S. - Massachusetts - Right To Know List | |
| U.S. - New Jersey - Right to Know Hazardous Substance List | |
| U.S. - Pennsylvania - RTK (Right to Know) List | |
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl- (2855-13-2) | |
| U.S. - New Jersey - Right to Know Hazardous Substance List | |
| Tetraethylenepentamine (112-57-2) | |
| U.S. - Massachusetts - Right To Know List | |
| U.S. - New Jersey - Right to Know Hazardous Substance List | |
| U.S. - Pennsylvania - RTK (Right to Know) List | |

15.3. Canadian Regulations

| | |
|---|--|
| Nepheline syenite (37244-96-5) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| Iron oxide (Fe2O3) (1309-37-1) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| 1-Piperazineethanamine (140-31-8) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| Benzyl alcohol (100-51-6) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| 2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| Phenol, 4-nonyl-, branched (84852-15-3) | |
| Listed on the Canadian DSL (Domestic Substances List) | |
| 1,3-Benzenedimethanamine (1477-55-0) | |
| Listed on the Canadian DSL (Domestic Substances List) | |

LATAPOXY® 310 Stone Adhesive Part A Pail

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).

| |
|---|
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl- (2855-13-2) |
| Listed on the Canadian DSL (Domestic Substances List) |
| Tall oil fatty acids, reaction product with Tetraethylene pentamine (68953-36-6) |
| Listed on the Canadian DSL (Domestic Substances List) |
| Tetraethylenepentamine (112-57-2) |
| 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 : 05/27/2020

Revision

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 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) 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 |
| 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 SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H227 | Combustible liquid |
| H302 | Harmful if swallowed |
| 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 |
| H332 | Harmful if inhaled |
| H335 | May cause respiratory irritation |
| H361 | Suspected of damaging fertility or the unborn child |

LATAPOXY® 310 Stone Adhesive Part A Pail

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).

| | |
|------|--|
| 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 |

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)



LATAPOXY® 310 Stone Adhesive Part B Pail

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: 05/27/2020

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: LATAPOXY® 310 Stone Adhesive Part B Pail

Product Code: S-310AB-NC-08, S-0310B-NS-10

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

Company

LATICRETE Canada ULC

PO Box 129, Emeryville, Ontario, Canada

N0R-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 Irrit. 2 H315

Eye Irrit. 2A H319

Skin Sens. 1 H317

Carc. 2 H351

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)

:



GHS07



GHS08



GHS09

Signal Word (GHS-US/CA)

: Warning

Hazard Statements (GHS-US/CA)

: H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H351 - Suspected of causing cancer.

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.

P261 - Avoid breathing dust.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

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.

LATAPOXY® 310 Stone Adhesive Part B Pail

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).

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.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P321 - Specific treatment (see section 4 on this SDS).
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: 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, territorial, provincial, 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 | 15 - 40 | Not classified |
| Bisphenol A-epichlorohydrin polymer | (CAS-No.) 25068-38-6 | 10 - 30 | Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Acute 2, H401 Aquatic Chronic 2, H411 |
| Carbonic acid, calcium salt (1:1) | (CAS-No.) 471-34-1 | 19 - 21 | Not classified |
| Phenol, polymer with formaldehyde, glycidyl ether | (CAS-No.) 28064-14-4 | 3 - 7 | Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Acute 2, H401 Aquatic Chronic 2, H411 |
| Alkyl (C12-14) glycidyl ether | (CAS-No.) 68609-97-2 | 3 - 7 | Skin Irrit. 2, H315 Skin Sens. 1, H317 |
| Stearic acid | (CAS-No.) 57-11-4 | 1 - 2 | Comb. Dust |
| Titanium dioxide | (CAS-No.) 13463-67-7 | 0.1 - 1 | Carc. 2, H351 |

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: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Immediately drench affected area with water for at least 15 minutes. If exposed or concerned: Get medical advice/attention.

Eye Contact: Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

LATAPOXY® 310 Stone Adhesive Part B Pail

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).

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

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: Skin sensitization. Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer.

Inhalation: Prolonged exposure may cause irritation.

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

Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: Suspected of causing cancer. Repeated or prolonged exposure to titanium dioxide dust via inhalation is suspected of causing cancer of the respiratory tract.

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: Carbon oxides (CO, CO₂). Nitrous fumes. Nitrogen oxides. Metal oxide fumes.

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.

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.

6.4. Reference to Other Sections

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

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

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

LATAPOXY® 310 Stone Adhesive Part B Pail

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).

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

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

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

Incompatible Materials: Acids. Strong oxidizers. Amines. Alkalis. Strong bases.

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 ³) | 10 mg/m ³ (total dust) |
| Carbonic acid, calcium salt (1:1) (471-34-1) | | |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 10 mg/m ³ (total dust) 5 mg/m ³ (respirable dust) |
| Alberta | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Nunavut | OEL STEL (mg/m ³) | 20 mg/m ³ (Limestone) |
| Nunavut | OEL TWA (mg/m ³) | 10 mg/m ³ (Limestone) |
| Northwest Territories | OEL STEL (mg/m ³) | 20 mg/m ³ (Limestone) |
| Northwest Territories | OEL TWA (mg/m ³) | 10 mg/m ³ (Limestone) |
| Québec | VEMP (mg/m ³) | 10 mg/m ³ (total dust) |
| Saskatchewan | OEL STEL (mg/m ³) | 20 mg/m ³ (Limestone) |
| Saskatchewan | OEL TWA (mg/m ³) | 10 mg/m ³ (Limestone) |
| Yukon | OEL STEL (mg/m ³) | 20 mg/m ³ |
| Yukon | OEL TWA (mg/m ³) | 30 mppcf 10 mg/m ³ |
| Stearic acid (57-11-4) | | |
| USA ACGIH | ACGIH TWA (mg/m ³) | 10 mg/m ³ (inhalable particulate matter (Stearates)) 3 mg/m ³ (respirable particulate matter (Stearates)) |
| British Columbia | OEL TWA (mg/m ³) | 10 mg/m ³ (Stearates) |
| Manitoba | OEL TWA (mg/m ³) | 10 mg/m ³ (inhalable particulate matter (Stearates)) 3 mg/m ³ (respirable particulate matter (Stearates)) |
| Newfoundland & Labrador | OEL TWA (mg/m ³) | 10 mg/m ³ (inhalable particulate matter (Stearates)) 3 mg/m ³ (respirable particulate matter (Stearates)) |
| Nova Scotia | OEL TWA (mg/m ³) | 10 mg/m ³ (inhalable particulate matter (Stearates)) 3 mg/m ³ (respirable particulate matter (Stearates)) |
| Prince Edward Island | OEL TWA (mg/m ³) | 10 mg/m ³ (inhalable particulate matter (Stearates)) 3 mg/m ³ (respirable particulate matter (Stearates)) |
| Titanium dioxide (13463-67-7) | | |
| USA ACGIH | ACGIH TWA (mg/m ³) | 10 mg/m ³ |
| USA ACGIH | ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 15 mg/m ³ (total dust) |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 2.4 mg/m ³ (CIB 63-fine) 0.3 mg/m ³ (CIB 63-ultrafine, including engineered nanoscale) |
| USA IDLH | US IDLH (mg/m ³) | 5000 mg/m ³ |
| Alberta | OEL TWA (mg/m ³) | 10 mg/m ³ |
| British Columbia | OEL TWA (mg/m ³) | 10 mg/m ³ (total dust) |

LATAPOXY® 310 Stone Adhesive Part B Pail

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).

| | | |
|-------------------------|-------------------------------|---|
| | | 3 mg/m ³ (respirable fraction) |
| Manitoba | OEL TWA (mg/m ³) | 10 mg/m ³ |
| New Brunswick | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Newfoundland & Labrador | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Nova Scotia | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Nunavut | OEL STEL (mg/m ³) | 20 mg/m ³ |
| Nunavut | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Northwest Territories | OEL STEL (mg/m ³) | 20 mg/m ³ |
| Northwest Territories | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Ontario | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Prince Edward Island | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Québec | VEMP (mg/m ³) | 10 mg/m ³ (containing no Asbestos and <1% Crystalline silica-total dust) |
| Saskatchewan | OEL STEL (mg/m ³) | 20 mg/m ³ |
| Saskatchewan | OEL TWA (mg/m ³) | 10 mg/m ³ |
| Yukon | OEL STEL (mg/m ³) | 20 mg/m ³ |
| Yukon | OEL TWA (mg/m ³) | 30 mppcf 10 mg/m ³ |

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.

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



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 | : Solid |
| Appearance | : Off-white paste |
| Odor | : Not available |
| Odor Threshold | : Not available |
| pH | : Not available |
| Evaporation Rate | : Not available |
| Melting Point | : Not available |
| Freezing Point | : Not available |
| Boiling Point | : Not available |
| Flash Point | : Not available |
| Auto-ignition Temperature | : Not available |
| Decomposition Temperature | : Not available |
| Flammability (solid, gas) | : Not available |
| Lower Flammable Limit | : Not available |

LATAPOXY® 310 Stone Adhesive Part B Pail

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).

| | |
|--|--------------------|
| Upper Flammable Limit | : Not available |
| Vapor Pressure | : Not available |
| Relative Vapor Density at 20°C | : Not available |
| Relative Density | : Not available |
| Specific Gravity | : 1.5 |
| Solubility | : Water: Insoluble |
| Partition Coefficient: N-Octanol/Water | : Not available |
| Viscosity | : Not 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:** This product contains an epoxy resin. Polymerization can be catalyzed by: acids, lewis acids, amines, strong bases. Masses of more than one pound (0.5 kg) of product plus an aliphatic amine will cause irreversible polymerization with considerable heat build-up.
- 10.4. Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.
- 10.5. Incompatible Materials:** Acids. Strong oxidizers. Amines. Alkalis. Strong bases.
- 10.6. Hazardous Decomposition Products:** Not expected to decompose under ambient conditions.

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 skin irritation.

Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Suspected of causing cancer.

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single 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: Contact causes severe irritation with redness and swelling of the conjunctiva.

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

Chronic Symptoms: Suspected of causing cancer. Repeated or prolonged exposure to titanium dioxide dust via inhalation is suspected of causing cancer of the respiratory tract.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

| | |
|---|--------------|
| Bisphenol A-epichlorohydrin polymer (25068-38-6) | |
| LD50 Oral Rat | > 2000 mg/kg |
| LD50 Dermal Rat | > 2000 mg/kg |
| Carbonic acid, calcium salt (1:1) (471-34-1) | |
| LD50 Oral Rat | 6450 mg/kg |
| Stearic acid (57-11-4) | |
| LD50 Oral Rat | > 5000 mg/kg |
| LD50 Dermal Rat | > 2000 mg/kg |
| Alkyl (C12-14) glycidyl ether (68609-97-2) | |

LATAPOXY® 310 Stone Adhesive Part B Pail

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).

| | |
|---|---|
| LD50 Oral Rat | 17100 mg/kg |
| LD50 Dermal Rabbit | > 3987 mg/kg |
| Titanium dioxide (13463-67-7) | |
| LD50 Oral Rat | > 10000 mg/kg |
| Titanium dioxide (13463-67-7) | |
| IARC Group | 2B |
| OSHA Hazard Communication Carcinogen List | In OSHA Hazard Communication Carcinogen list. |

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

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

| | |
|--|------------------------|
| Bisphenol A-epichlorohydrin polymer (25068-38-6) | |
| EC50 Daphnia 1 | 1.7 mg/l |
| LOEC (Acute) | 1 mg/l Daphnia magna |
| NOEC Chronic Crustacea | 0.3 mg/l Daphnia magna |

12.2. Persistence and Degradability

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

12.3. Bioaccumulative Potential

| | |
|--|----------------------|
| LATAPOXY® 310 Stone Adhesive Part B Pail | |
| Bioaccumulative Potential | Not established. |
| Carbonic acid, calcium salt (1:1) (471-34-1) | |
| BCF Fish 1 | (no bioaccumulation) |

12.4. Mobility in Soil

| | |
|------------------------|-------|
| Stearic acid (57-11-4) | |
| 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 | : ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S.(Bisphenol A-epichlorohydrin polymer; Phenol, polymer with formaldehyde, glycidyl ether) |
| Hazard Class | : 9 |
| Identification Number | : UN3077 |
| Label Codes | : 9 |
| Packing Group | : III |
| Marine Pollutant | : Marine pollutant |
| ERG Number | : 171 |



14.2. In Accordance with IMDG

| | |
|----------------------|--|
| Proper Shipping Name | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Bisphenol A-epichlorohydrin polymer; Phenol, polymer with formaldehyde, glycidyl ether) |
| Hazard Class | : 9 |



LATAPOXY® 310 Stone Adhesive Part B Pail

Safety Data Sheet

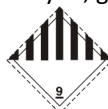
According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Identification Number : UN3077
Label Codes : 9
Packing Group : III
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-F
Marine pollutant : Marine pollutant

14.3. In Accordance with IATA

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol A-epichlorohydrin polymer; Phenol, polymer with formaldehyde, glycidyl ether)

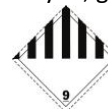
Hazard Class : 9
Identification Number : UN3077
Label Codes : 9
Packing Group : III
ERG Code (IATA) : 9L



14.4. In Accordance with TDG

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol A-epichlorohydrin polymer; Phenol, polymer with formaldehyde, glycidyl ether)

Hazard Class : 9
Identification Number : UN3077
Label Codes : 9
Packing Group : III
Marine Pollutant (TDG) : Marine pollutant




SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

| | |
|---|--|
| LATAPOXY® 310 Stone Adhesive Part B Pail | |
| SARA Section 311/312 Hazard Classes | Health hazard - Respiratory or skin sensitization Health hazard - Skin corrosion or Irritation Health hazard - Serious eye damage or eye irritation Health hazard - Carcinogenicity |
| Bisphenol A-epichlorohydrin polymer (25068-38-6) | |
| 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 Chemical Data Reporting Rule, (40 CFR 711). |
| Carbonic acid, calcium salt (1:1) (471-34-1) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Stearic acid (57-11-4) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Phenol, polymer with formaldehyde, glycidyl ether (28064-14-4) | |
| 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 Chemical Data Reporting Rule, (40 CFR 711). |
| Alkyl (C12-14) glycidyl ether (68609-97-2) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Titanium dioxide (13463-67-7) | |
| 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 Titanium dioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

| Chemical Name (CAS No.) | Carcinogenicity | Developmental | Female Reproductive | Male Reproductive |
|-------------------------|-----------------|---------------|---------------------|-------------------|
|-------------------------|-----------------|---------------|---------------------|-------------------|

LATAPOXY® 310 Stone Adhesive Part B Pail

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).

| | | Toxicity | Toxicity | Toxicity |
|--|---|----------|----------|----------|
| Titanium dioxide (13463-67-7) | X | | | |
| Titanium dioxide (13463-67-7) | | | | |
| U.S. - Massachusetts - Right To Know List | | | | |
| U.S. - New Jersey - Right to Know Hazardous Substance List | | | | |
| U.S. - Pennsylvania - RTK (Right to Know) List | | | | |

15.3. Canadian Regulations

| |
|---|
| Nepheline syenite (37244-96-5) |
| Listed on the Canadian DSL (Domestic Substances List) |
| Bisphenol A-epichlorohydrin polymer (25068-38-6) |
| Listed on the Canadian DSL (Domestic Substances List) |
| Carbonic acid, calcium salt (1:1) (471-34-1) |
| Listed on the Canadian DSL (Domestic Substances List) |
| Stearic acid (57-11-4) |
| Listed on the Canadian DSL (Domestic Substances List) |
| Phenol, polymer with formaldehyde, glycidyl ether (28064-14-4) |
| Listed on the Canadian DSL (Domestic Substances List) |
| Alkyl (C12-14) glycidyl ether (68609-97-2) |
| Listed on the Canadian DSL (Domestic Substances List) |
| Titanium dioxide (13463-67-7) |
| 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 : 05/27/2020

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:

| | |
|-------------------|--|
| Aquatic Acute 2 | Hazardous to the aquatic environment - Acute Hazard Category 2 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment - Chronic Hazard Category 2 |
| Carc. 2 | Carcinogenicity Category 2 |
| Comb. Dust | Combustible Dust |
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| Skin Sens. 1 | Skin sensitization, Category 1 |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H351 | Suspected of causing cancer |
| H401 | Toxic to aquatic life |
| H411 | Toxic to aquatic life with long lasting effects |

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.