

# Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date : 07.20.2015

Page 1 of 7

## EcoPoxy Trowel Mix Part A

### SECTION 1: Identification of the substance/mixture and of the supplier

**Product name:** EcoPoxy Trowel Mix Part A

**Manufacturer/Supplier Trade name:** EcoPoxy Trowel Mix Part A

**Manufacturer/Supplier Article number:** EPR349000

**Recommended uses of the product and restrictions on use:** Epoxy Trowel Mix

#### Manufacturer Details:

EcoPoxy  
Box 220  
Morris, MB R0G 1K0  
855-326-7699  
info@ecopoxy.com



#### Emergency telephone number:

**ChemTel Inc**  
+1 800 255 3924  
+1 813 248 0585

### SECTION 2: Hazards identification

#### Classification of the substance or mixture:



#### **Irritant**

Skin irritation, category 2  
Skin sensitization, category 1

Skin Irritation - Category 2.

Skin Sensitiser - Category 1.

**Signal word:** Warning

#### Hazard statements:

May cause an allergic skin reaction.  
Causes skin irritation.  
Toxic to aquatic life with long lasting effects.

#### Precautionary statements:

If medical advice is needed, have product container or label at hand.  
Wash skin thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Contaminated work clothing should not be allowed out of the workplace.  
Avoid release to the environment.  
Do not handle until all safety precautions have been read and understood.  
Use personal protective equipment as required.  
Wash contaminated clothing before reuse.  
If exposed or concerned: Get medical advice/attention.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.  
Continue rinsing.  
If on skin: Wash with soap and water.  
If skin irritation or a rash occurs: Get medical advice/attention.  
Store in a well ventilated place. Keep container tightly closed.  
Dispose of contents and container as instructed in Section 13.

# Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date : 07.20.2015

Page 2 of 7

## EcoPoxy Trowel Mix Part A

Other Non-GHS Classification: None

### SECTION 3: Composition/information on ingredients

| Ingredients:                         |                    |         |
|--------------------------------------|--------------------|---------|
| CAS 25085-99-8; 68609-97-2; 106-89-8 | Epoxy Resin        | 60-90 % |
| CAS 1302-93-8                        | Glass microspheres | 5-15 %  |
| Percentages are by weight            |                    |         |

### SECTION 4: First aid measures

#### Description of first aid measures

**After inhalation:**

Loosen clothing as necessary and position individual in a comfortable position. Remove to fresh air if effect occurs. Consult medical personnel.

**After skin contact:**

Rinse/flush exposed skin gently using soap and water for 15-20 minutes. Seek medical advice if discomfort or irritation persists.

**After eye contact:**

Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.

**After swallowing:**

Rinse mouth thoroughly. Do not induce vomiting. Have exposed individual drink sips of water. Seek medical attention if irritation, discomfort or vomiting persists. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed:**

Irritation. Headache. Nausea. Shortness of breath.

**Indication of any immediate medical attention and special treatment needed:**

If seeking medical attention, provide SDS document to physician. Physician should treat symptomatically.

### SECTION 5: Firefighting measures

#### Extinguishing media

**Suitable extinguishing agents:**

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition. Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

**Unsuitable extinguishing agents:**

None identified.

**Special hazards arising from the substance or mixture:**

Combustion products may include carbon oxides or other toxic vapors. Thermal decomposition can lead to release of irritating gases and vapors.

**Advice for firefighters:****Protective equipment:**

Use NIOSH-approved respiratory protection/breathing apparatus.

**Additional information (precautions):**

# Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date : 07.20.2015

Page 3 of 7

## EcoPoxy Trowel Mix Part A

Move product containers away from fire or keep cool with water spray as a protective measure, where feasible. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing.

### SECTION 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Ensure adequate ventilation.

#### Environmental precautions:

Prevent from reaching drains, sewer or waterway. Should not be released into environment.

#### Methods and material for containment and cleaning up:

Wear protective eyewear, gloves, and clothing. Refer to Section 8. Always obey local regulations. If necessary use trained response staff or contractor. Soak up in absorbent material and collect in suitable containers.

Reference to other sections: None

### SECTION 7: Handling and storage

#### Precautions for safe handling:

Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with eyes, skin, and clothing. Follow good hygiene procedures when handling chemical materials. Refer to Section 8.

#### Conditions for safe storage, including any incompatibilities:

Store in cool, dry conditions in well sealed containers. Keep away from food and beverages.

### SECTION 8: Exposure controls/personal protection



#### Control Parameters:

107-41-5, 2-methylpentane-2,4-diol, ACGIH TLV: 125 mg/m<sup>3</sup> TWA; NIOSH REL 125 mg/m<sup>3</sup>.

#### Appropriate Engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use/handling.

#### Respiratory protection:

Not required under normal conditions of use. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. When necessary use NIOSH approved breathing equipment.

#### Protection of skin:

Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal technique without touching outer surface. Avoid skin contact with used gloves. Wear protective clothing.

#### Eye protection:

Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses or goggles are appropriate eye protection.

#### General hygienic measures:

Perform routine housekeeping. Wash hands before breaks and at the end of work. Avoid contact with skin, eyes, and clothing. Before wearing wash contaminated clothing.

# Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date : 07.20.2015

Page 4 of 7

## EcoPoxy Trowel Mix Part A

### SECTION 9: Physical and chemical properties

|  |                          |   |  |
|--|--------------------------|---|--|
| <b>Appearance (physical state, color):</b> | Off White Viscous Liquid | <b>Explosion limit lower:</b>                   | Not Determined   |
|  |                          | <b>Explosion limit upper:</b>                   | Not Determined   |
| <b>Odor:</b>                               | Characteristic           | <b>Vapor pressure at 20°C:</b>                  | Not Determined   |
| <b>Odor threshold:</b>                     | Not Determined           | <b>Vapor density:</b>                           | Not Determined   |
| <b>pH-value:</b>                           | Not Determined           | <b>Relative density:</b>                        | Not Determined   |
| <b>Melting/Freezing point:</b>             | Not Determined           | <b>Solubilities:</b>                            | Not soluble in water.                                      |
| <b>Boiling point/Boiling range:</b>        | 220°C (428 °F)           | <b>Partition coefficient (n-octanol/water):</b> | Not Determined   |
| <b>Flash point (closed cup):</b>           | 150°C (302 °F)           | <b>Auto/Self-ignition temperature:</b>          | Product is not self-igniting                               |
| <b>Evaporation rate:</b>                   | Not Determined           | <b>Decomposition temperature:</b>               | Not Determined   |
| <b>Flammability (solid, gaseous):</b>      | Not Determined           | <b>Viscosity:</b>                               | a. Kinematic: Not Determined<br>b. Dynamic: Not Determined |
| <b>Density at 20°C:</b>                    | 1.1-1.15 @ 20°C          |   |  |

### SECTION 10: Stability and reactivity

#### Reactivity:

Nonreactive under normal conditions.

#### Chemical stability:

Stable under normal conditions.

#### Possible hazardous reactions:

None under normal processing.

#### Conditions to avoid:

Incompatible Materials. Excess heating over long periods of time degrades the resin.

#### Incompatible materials:

Strong acids, bases, and oxidizing agents.

#### Hazardous decomposition products:

The by-products expected in incomplete pyrolysis or combustion of epoxy resins are mainly phenolics, carbon monoxide and water. The thermal decomposition products of epoxy resins therefore should be treated as potentially hazardous substances, and appropriate precautions should be taken.

### SECTION 11: Toxicological information

#### Acute Toxicity:

##### Oral:

68609-97-2 LD50 Rat; 17100mg/kg (17100mg/kg)

**Chronic Toxicity:** No additional information.

**Skin corrosion/irritation:** No additional information.

**Serious eye damage/irritation:** No additional information.

**Respiratory or skin sensitization:** No additional information.

**Carcinogenicity:** See section 15.

#### Germ cell mutagenicity:

0-CRESYL GLYCIDYL ETHER (2210-79-9) netted positive results for germ cell mutagenicity.

# Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date : 07.20.2015

Page 5 of 7

## EcoPoxy Trowel Mix Part A

**Reproductive Toxicity:** No additional information.

**STOT-single and repeated exposure:** No additional information.

**Additional toxicological information:** No additional information.

### SECTION 12: Ecological information

**Ecotoxicity:**

LL50 >100 mg/L (Rainbow Trout 96Hr): 2210-79-9

**Persistence and degradability:**

Not determined.

**Bioaccumulative potential:**

Not determined.

**Mobility in soil:**

Not determined.

**Other adverse effects:** No additional information.

### SECTION 13: Disposal considerations

**Waste disposal recommendations:**

Dispose of empty containers as unused product. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11).

### SECTION 14: Transport information

**US DOT**

**UN Number:**

ADR, ADN, DOT, IMDG, IATA

Not Regulated

**Limited Quantity Exception:**

None

**Bulk:**

**RQ (if applicable):** None

**Proper shipping Name:** Not Regulated.

**Hazard Class:** None

**Packing Group:** Not Regulated.

**Marine Pollutant (if applicable):** No additional information.

**Comments:** None

**Non Bulk:**

**RQ (if applicable):** None

**Proper shipping Name:** Not Regulated.

**Hazard Class:** None

**Packing Group:** Not Regulated.

**Marine Pollutant (if applicable):** No additional information.

**Comments:** None

### SECTION 15: Regulatory information

**United States (USA)**

**SARA Section 311/312 (Specific toxic chemical listings):**

Chronic

**SARA Section 313 (Specific toxic chemical listings):**

# Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date : 07.20.2015

Page 6 of 7

## EcoPoxy Trowel Mix Part A

None of the ingredients are listed.

**RCRA (hazardous waste code):**

None of the ingredients are listed.

**TSCA (Toxic Substances Control Act):**

All ingredients are listed.

**CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):**

None of the ingredients are listed.

**Proposition 65 (California):**

**Chemicals known to cause cancer:**

None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

**Canada**

**Canadian Domestic Substances List (DSL):**

All ingredients are listed.

## SECTION 16: Other information

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. Note. The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

**NFPA:** 2-1-0

**HMIS:** 2-1-0

**GHS Full Text Phrases:** None

**Abbreviations and Acronyms:**

IMDG International Maritime Code for Dangerous Goods.  
PNEC Predicted No-Effect Concentration (REACH).  
CFR Code of Federal Regulations (USA).  
SARA Superfund Amendments and Reauthorization Act (USA).  
RCRA Resource Conservation and Recovery Act (USA).  
TSCA Toxic Substances Control Act (USA).  
NPRI National Pollutant Release Inventory (Canada).  
DOT US Department of Transportation.  
IATA International Air Transport Association.

## Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

**Effective date** : 07.20.2015

Page 7 of 7

### EcoPoxy Trowel Mix Part A

GHS Globally Harmonized System of Classification and Labelling of Chemicals.

ACGIH American Conference of Governmental Industrial Hygienists.

CAS Chemical Abstracts Service (division of the American Chemical Society).

NFPA National Fire Protection Association (USA).

HMIS Hazardous Materials Identification System (USA).

WHMIS Workplace Hazardous Materials Information System (Canada).

DNEL Derived No-Effect Level (REACH).

**Effective date:** 07.20.2015

**Last updated:** 09.02.2015