

## Safety Data Sheet

Product Name: *Polycryl*™

Version 1.0

Revision Date: 30-Jul-2015

### 1. Identification of Product and Company

Preservation Solutions, LLC  
33941 Skyline Drive  
Golden, CO 80403

Emergency Telephone: 303.642.3060  
Fax: 303.648.6468

Product Name: **Polycryl**™  
Product Use: Fortifier/strengthener for wood

### 2. Hazards Identification

#### Emergency Overview

Appearance: Light yellow color, liquid  
Non-hazardous

#### **GHS Classification**

Flammable Liquids	Category 0
Skin Irritation	Category 0
Eye Irritation	Category 2
Aspiration Hazard	Category 0
Inhalation	Category 0

0 = Not significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme

#### **GHS Label Element**

Hazard Pictograms:



Irritant

Single Word: Warning  
Hazard Statements: Physical Hazards: None  
H320 Causes eye irritation

#### **Potential Health Effects**

**Eyes:** Will cause eye irritation with stinging, redness and tearing.  
**Skin:** Generally, the product does not irritate the skin.  
**Inhalation:** No harmful fumes. If needed, move to fresh air.  
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Keep out of the reach of children**

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### 3. Confirmation/Information on Ingredients

**Chemical Characterization:** Mixture

**Description:** Organic mixture

Components	CAS-No	% Concentration
Polyacrylic acid, sodium salt	9003-04-7	12-25%

### 4. First-Aide Measures

<b>Eye Contact</b>	Remove contact lenses. Rinse thoroughly with plenty of water including under the eyelids for several minutes. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash exposed area with soap and water.
<b>Inhalation</b>	If symptoms develop, move to fresh air.
<b>Ingestion</b>	If symptoms persist, contact a physician.

### 5. Fire Fighting Measures

**Suitable Extinguishing Agents:** Use fire fighting measures that suit the environment. Water, CO2, Foam

**Special Hazards Arising from the Substance:** No further relevant information available

**Advice for Firefighters:** No special measures required

### 6. Accidental Release Measures

**Personal Precautions** Use personal protective equipment (goggles, gloves, adequate clothing)

**Environmental Precautions:** Prevent spills from spreading over a wide area by containment or barriers. Dilute with plenty of water. Do not let product enter drains, sewage system or ground water.

**Methods for Cleaning Up:** Absorb with liquid binding material (sand, earth, diatomite, sawdust). Allow to solidify and shovel into a container for disposal according to local regulations.

**Reference to Other Sections:**

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### 7. Handling and Storage

<b>Precautions for Safe Handling</b>	No special precautions are necessary if used correctly Avoid contact with eyes. Smoking, eating and drinking should be prohibited in work area.
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**Storage:** Store in a cool, dry, area.  
Keep container tightly closed.  
Keep from freezing or overheating.

### 8. Exposure Controls/Personal Protection

**Engineering Measures:** This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Eye/Face Protection:** Not required under normal conditions of use. Wear splash proof safety goggles if splashes are likely to occur. Eye wash bottle with pure water.

**Respiratory Protection:** No respiratory protective equipment required

**Hand Protection Remarks:** Protective gloves should be worn to prevent some skin irritation.

**Skin/Body Protection:** Wear protective gloves/clothing. Launder clothing before reuse.

**Hygiene Measures:** Do not eat, drink or smoke when using the product. Wash hands before breaks and at the end of the day.

### 9. Physical and Chemical Properties

<b>Physical State</b>	Viscous liquid
<b>Color</b>	Light yellow
<b>Odor</b>	Slight odor
<b>pH</b>	8 at room temperature
<b>Melting Point</b>	Not determined
<b>Freezing Point</b>	Not determined, can freeze, but will not harm product
<b>Boiling Point</b>	400°F
<b>Flash Point</b>	>250°F
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Product is not self-igniting
<b>Vapor Pressure</b>	Not available
<b>Danger of Explosion:</b>	Product does not present an explosion hazard
<b>Vapor Pressure</b>	Not determined
<b>Solubility in Water</b>	Fully soluble
<b>Percent Volatile by Weight</b>	75-80%
<b>Specific Gravity</b>	1.1
<b>Viscosity</b>	Not determined
<b>Lbs. per Gallon</b>	9

## 10. Stability and Reactivity

<b>Reactivity</b>	No dangerous reaction known under conditions of normal use
<b>Chemical Stability</b>	Stable under normal conditions
<b>Conditions to Avoid</b>	No further relevant information available
<b>Incompatible Products</b>	No further relevant information available
<b>Hazardous Decomposition Products</b>	No dangerous decomposition products known

## 11. Toxicological Information

<b>Eyes</b>	Eye irritation
<b>Skin</b>	No irritant effect
<b>Inhalation</b>	No effects known
<b>Chronic Toxicity</b>	No data available
<b>Acute Toxicity</b>	No data available
<b>Carcinogenicity</b>	Not classified as a human carcinogen

## 12. Ecological Information

<b>Biodegradability</b>	Material is readily biodegradable
<b>Water Hazard</b>	Slightly hazardous for water. Do not allow undiluted product in large quantities to reach ground water, water course or sewage system.
<b>Stability in Soil</b>	Absorbs on soil.
<b>Additional Information</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## 13. Disposal Considerations

<b>Waste Disposal Method</b>	Small amounts may be diluted with plenty of water and washed away. Dispose of larger quantities in accordance with all applicable local, state and federal regulations. Do not re-use empty containers.
<b>Recommended Cleansing Agent</b>	Water, if necessary with cleansing agents.

## 14. Transport Information

<b>Hazardous Class</b>	None
<b>DOT</b>	Not regulated as a dangerous good
<b>IMDG</b>	Not regulated as a dangerous good
<b>ICAO</b>	Not regulated as a dangerous good

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**IATA** Not regulated as a dangerous good  
**IMDG** Not regulated as a dangerous good  
**Marine Pollutant** Not listed as a pollutant

### 15. Regulatory Information

**OSHA Hazards** Non-flammable, eye irritant

**SARA Hazard Classification**

**SARA 311/312 Classification**

Acute Health Hazard	No
Fire Hazard	No
Chronic Health Hazard	No

**SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

**Clean Air Act**

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCOMI Intermediate or Final VOC's (40 CFR 60.489).

**Clean Water Act**

This product does not contain any hazardous substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.

This product does not contain any hazardous chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3

Approved by Air Resources Board of California

Approved by Health Canada

### 16. Other Information

**Revision Date:** 30-July-2015  
**Prepared By:** Preservation Solutions, LLC  
**Version:** 1.0

**Disclaimer:** The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material named and may not be valid for such material used in combination with any other material or in any process, unless specified here.

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**Key to Abbreviations and Acronyms used in this Safety Data Sheet**

ACGIH	American Conference of Government Industrial Hygienists	IATA	International Air Transportation Association
DOT	Department of Transportation	ICAO	International Civil Aviation Organization
GHS	Globally Harmonized System	IMDG	International Maritime Dangerous Goods Code
IARC	International Agency on Research for Cancer	OSHA	Occupational Safety & Health Administration