

Product Code: FG600952125  
Product Name: PSI-952 GRAY 1/PT S/L URE.SEAL



POLYMERIC SYSTEMS, INC., 47 PARK AVENUE, BOX 522, ELVERSON PA 19520

24-hour Emergency Phone: (800) 424-9300 (Chemtrec)

## 1. COMPANY IDENTIFICATION

Polymeric Systems, Inc.  
47 Park Avenue  
PO Box 522  
Elverson, PA 19520

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

| Component/Exposure Limits            | CAS#        | % by Wt.   |
|--------------------------------------|-------------|------------|
| Isocyanate Functional Urethane Resin | 112898-48-3 | 15% to 40% |

## 3. HAZARDS IDENTIFICATION

### Potential Health Effects

#### EYE:

May cause moderate eye irritation.

#### SKIN:

A single short exposure (<24 hours) may irritate. Repeated or prolonged exposures may irritate moderately and lead to sensitization. Additionally, skin contact may cause an allergic skin rash in sensitive individuals.

#### INGESTION:

Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

#### INHALATION:

Vapors are unlikely due to physical properties.

#### CHRONIC (CANCER) INFORMATION:

N/A

#### TERATOLOGY (BIRTH DEFECT) INFORMATION:

N/A

#### REPRODUCTION INFORMATION:

N/A

## 4. FIRST AID MEASURES

### EYES:

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Flush eyes thoroughly with water for several minutes. If effects occur, consult a physician, preferably an ophthalmologist.

**SKIN:**

Wash skin with plenty of soap and water.

**INGESTION:**

Induce vomiting, product may be toxic. Contact poison control or get emergency medical care.

**INHALATION:**

No emergency medical treatment needed.

**NOTE TO PHYSICIANS:**

Treat according to person's condition and specifics of exposure. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES:**

FLASH POINT: > 140F                      Method: N/A

**FLAMMABLE LIMITS:**

Lower flammable limit: N/A

Upper flammable limit: N/A

**AUTOIGNITION TEMPERATURE:**

N/A

**HAZARDOUS COMBUSTION PRODUCTS:**

Carbon monoxide, carbon dioxide, oxides of nitrogen, and calcium oxide.

**EXTINGUISHING MEDIA:**

ALCOHOL FOAM, CO<sub>2</sub>, DRY CHEMICAL, WATER FOG, OTHER

**FIREFIGHTING INSTRUCTIONS:**

Fire Fighters and others who may be exposed to the products of combustion should be equipped with NIOSH approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

**6. ACCIDENTAL RELEASE MEASURES**

**SPILLS:**

Dispose of in normal manner in accordance to all applicable state, federal, and local laws. Not a hazardous waste.

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**7. HANDLING AND STORAGE**

**HANDLING:**

No special precautions needed.  
Personal hygiene- Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities.  
Professionally launder contaminated clothing before use.  
Empty container precautions- Do not reuse empty containers for food, clothing, or products for human or animal consumption, or where skin contact can occur.

**STORAGE:**

Temperature- Less than 90 F.  
Conditions- Store in cool, dry, well-ventilated area.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:**

N/A

**RESPIRATORY PROTECTION:**

N/A

**SKIN PROTECTION:**

Appropriate impervious gloves. Because a variety of protective gloves exist, consult glove manufacturer to determine the proper type for the specific operation.

**EYE PROTECTION:**

Safety glasses or goggles.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: N/A  
MELTING POINT: N/A  
VAPOR PRESSURE: N/A  
VAPOR DENSITY: N/A  
SOLUBILITY IN WATER: Insoluble in water  
SPECIFIC GRAVITY: 1.61781  
pH: N/A  
VOLATILE ORGANIC COMPOUNDS: 4 gms/L  
ODOR: N/A  
APPEARANCE: THICK PASTE

**10. STABILITY AND REACTIVITY**

**CHEMICAL STABILITY (CONDITIONS TO AVOID):**

This product is stable.

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**INCOMPATIBILITY:**

Water, alcohol, amines, oximes, and acids, will react with the resin. This could destroy the resin or cause unexpected hardening of the sealant.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Carbon monoxide, carbon dioxide, oxides of nitrogen, and calcium oxide.

**HAZARDOUS POLYMERIZATION:**

Material will polymerize upon contact with water or water vapor. This reaction liberates carbon dioxide, which will cause pressure build up in closed containers.

**11. TOXICOLOGICAL INFORMATION**

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EYE: N/A

SKIN: N/A

INGESTION: N/A

INHALATION: N/A

SUBCHRONIC: N/A

CHRONIC/CARCINOGENICITY: N/A

TERATOLOGY: N/A

REPRODUCTION: N/A

MUTAGENICITY: N/A

**12. ECOLOGICAL INFORMATION**

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ECOTOXICOLOGICAL INFORMATION: N/A

CHEMICAL FATE INFORMATION: N/A

**13. DISPOSAL CONSIDERATIONS**

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Incinerate in furnace or bury in landfill in accordance with all applicable regulations.

Not classified as a hazardous waste.

**14. TRANSPORT INFORMATION**

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Not DOT regulated.

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## 15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: TSCA: All ingredients are TSCA listed.

OSHA: Not OSHA regulated.

CERCLA: SARA HAZARD CATEGORY: Not regulated.

SECTION 313: N/A

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: N/A

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): N/A

EINECS: N/A

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65

This product contains the following chemicals known to the state of California to cause cancer or reproductive toxicity

None

The following ingredients are present in this material and are subject to reporting in accordance to the Pennsylvania, New Jersey, and/or Massachusetts Right-to-Know (RTK) laws:

Calcium Carbonate (CAS:1317-65-3)  
Aliphatic Dibasic Esters (CAS:1119-40-0)  
Amorphous Silica (CAS:67762-90-7)  
Butylbenzyl Phthalate (85-68-7)

(Not meant to be an all inclusive list - contact PSI for further information)

## 16. OTHER INFORMATION

Hazard Ratings

NFPA Ratings: Health: 1 Fire: 0 Physical Data: 0 PPE: B

MSDS Last Revised: 02/07/08

Created by: I. David Crossan

USERS RESPONSIBILITY: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects on an individual operation should be examined to determine if, or where, precautions - in addition to those described herein - are required. Any health hazard and safety information herein should be passed on to your customers or employees as the case may be.

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