



MATERIAL SAFETY DATA SHEET

Section I – Product and Company Information

Product Name: PSI 601
CAS Number: Mixture
Hazard Rating: Health: 1 Fire: 1 Reactivity: 0 PPI: B

Company Identification: Polymeric Systems, Inc.
723 Wheatland St.
Phoenixville, PA 19460
Contact: I. David Crossan
Telephone: (610) 935-1180
Fax: (610) 935-7123
Emergency Phone: (800) 424-9300 Chemtrec (24 Hour):
Preparer: I. David Crossan
Technical Director
Product Code: 601
Proper Shipping Name: Not DOT regulated

Section II – Ingredient and Hazard Information

Ingredient Name	CAS Number	Percent	TSCA	Health	Fire	React.	PPE
None							

*** ALL Ingredients in this product are listed in the T.S.C.A. Inventory

Section III – Physical Data

Form: Paste
Appearance/Color: Various Colors Available
Odor: Vinegar
Solubility (in water): Insoluble in Water
pH Value: Not Applicable
Boiling Range: Not Applicable
Vapor Pressure (mmHg): Not Applicable
Melting Point: Not Applicable
Evaporation Rate: Slower than water
Vapor Density: Heavier than air.
% Volatile Weight: 4%
VOC: 0.4 lb/gl
Specific Gravity: 1.05

Note: The physical data represented above are typical values and should not be construed as a specification. For additional physical data and details on use, please obtain a technical data sheet for this product.

Section IV – Fire and Explosion Hazard Data

Flammability Class: IIIB
Flash Range: > 250 °F Tag Closed Cup
Explosive Range: Upper limit not established
Lower limit not established
Extinguishing Media: Foam, CO₂, Dry Chemicals, Sand ,Water Spray.
Unusual Hazards: Aldehydes, acids, and oxides of carbon and silicon.
Fire Fighting: 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.

N/A = Not Applicable, N/E = Not Evaluated, N/Av = Not Available

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Section V – Health Hazard Data

Permissible Exposure Level: Acetic acid is a volatile by-product. Please observe the exposure guideline for butyl acetate

Effects of Overexposure

Inhalation: Slight nose, throat, and respiratory irritation possible.

Ingestion: Small amounts transferred to mouth by fingers during use, etc should not injure. Swallowing large amounts may cause digestive discomfort.

Skin Contact: A single exposure less than 24 hours in duration may irritate. Repeated prolonged exposure may irritate moderately.

Eye Contact: Irritates moderately with redness and swelling

First Aid

Inhalation: Remove to fresh air.

Ingestion: Obtain immediate medical attention. Do NOT induce vomiting.

Skin Contact: Wash thoroughly with soap and water.

Eye Contact: Flush with water for at least 15 minutes. Obtain immediate medical attention.

Note: Never give anything by mouth to an unconscious person.

Section VI – Stability and Reactivity Data

Stability: This product is stable under normal condition of use.

Hazardous Polymerization: Hazardous polymerization will not occur

Incompatibility: None.

Conditions to avoid: Avoid exposure to moisture during storage.

Hazardous Decomposition Products: Releases acetic acid during cure. Thermal decomposition and combustion produce aldehydes, acids, and oxides of carbon and silicon.

Section VII – Spill and Leak Procedures

Steps to be Taken

Spills or leaks: Remove with absorbent material or let cure and remove.

Waste Disposal Method: Incinerate in furnace or bury in landfill in accordance with all applicable regulations; cured material is not a hazardous waste.

Section VIII – Exposure Controls/Personal Protection

Occupational Exposure Limits

ACGIH TLV ACGIH TLV-C ACGIH STEL OSHA STEL OSHA PEL

Protective Equipment Types

Eyes: Safety glasses or goggles.

Respiratory: None required if adequate ventilation is present during the first 24 hours of cure.

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

Other: None Required.

VENTILATION:

Engineering Controls: None Required

Local Exhaust: May be required in confined spaces.

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Section IX Handling and Storage

Storage Temperature: < 90°F (32°C)

Storage Conditions: Store in cool, dry, well-ventilated area.

Transfer: No special precautions are needed. Follow good manufacturing and handling practices.

Personal Hygiene: Wash thoroughly after handling, especially before eating, drinking, smoking and using restroom facilities. Wash contaminated goggles, face shield, and gloves. Professionally launder contaminated clothing before re-use.

Empty container precautions: Attention! This container can be hazardous when empty. Follow label cautions even after the container is empty since empty containers could retain product residues. Do not re-use empty containers for food, clothing, or products for human or animal consumption, or where skin contact can occur.

Section X – Regulatory Information

SARA 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name	CAS	Weight Percent
None	N/A	N/A

OSHA HAZARD COMMUNICATION STANDARD

Chemical Name	CAS	Weight Percent
None	N/A	N/A

RIGHT-TO-KNOW:

The non-hazardous ingredients in this product subject to the Pennsylvania, New Jersey, and/or Massachusetts Right-to-Know laws are:

CAS	Name
70131678	Hydroxyl-Terminated Polydimethylsiloxane
7631869	Amorphous Silica
63148629	Polydimethylsiloxane
4253343	Methyltriacetoxysiloxane
17689779	Ethyltriacetoxysilane

NOTE:

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 of 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.

DISCLAIMER OF LIABILITY: 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. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representation or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other natures are made hereunder with respect to the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

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