

## Section A - Product Identification

Product Name: *Spray Poly Fill*

Product Number(s): 102243, 102244

## Section B - Hazardous Ingredients

<u>INGREDIENT</u>	<u>CAS NUMBER</u>	<u>WEIGHT PERCENT</u>	<u>OSHA PEL/TWA</u>	<u>ACGIH TLV</u>	<u>VAPOR PRESSURE</u>
Styrene*	100-42-5	10-20	100 ppm	20 ppm	5.0 mmHg @68°F
Acetone	67-64-1	10-20	1000 ppm	500 ppm	180 mmHg @68°F
Titanium Dioxide	13463-67-7	0-2	15 mg/m <sup>3</sup> **	10mg/m <sup>3</sup>	N/A
Acrylic Monomer	Proprietary	0-5	N/E	N/E	0.0002 mmHg@77°F
Talc (non-asbestos type)	14807-96-6	30-40	20 mppcf***	2 mg/m <sup>3</sup>	N/A

\* - Indicates chemical substance is subject to reporting requirements under SARA Title III, Part 313.

\*\* - PEL is for total dust.

\*\*\*.Millions of particles per cubic foot of air.

N/E - Not Established. N/A - Not Applicable.

## Section C - Physical Data

Vapor Pressure: See Section B

Boiling Point: 133.0 to 293.0 °F

Evaporation Rate: Slower than ethyl ether

Vapor Density: Heavier than air

Solids by Volume: 60-65 %

Weight Per Gallon: 11.05 lbs/gal

## Section D - Fire and Explosion Data

OSHA Flammability Class: Flammable Liquid - Class IB

Extinguishing Media: Foam, carbon dioxide, and dry chemical.

Lower Explosion Limit: 1.1 %

Flash Point: 62.6 °F

Hazardous Decomposition Products: Fumes may be produced when material is heated to decomposition. Fumes may contain carbon monoxide, carbon dioxide, and various hydrocarbons.

Special Fire fighting Procedures: Use full protective equipment including NIOSH-approved self-contained breathing apparatus. Water may be used to cool containers to prevent pressure build-up which may rupture containers.

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along the floor and be ignited by sparks or flames at a distance from where the material is being used. Polymerization of material in a closed container can create pressure build up which may cause rupture of container.

## Section E - Reactivity Data

Stability: Stable.

Incompatible Materials: Peroxides, strong oxidizers, strong mineral acids, strong bases, and polymerization catalysts.

Hazardous Polymerization: Not likely.

Conditions To Avoid: High temperatures, ignition sources, and contact with incompatible materials.

## Section F- Spill and Leak Procedures

If Material Is Spilled: Remove all sources of ignition. Ventilate the area. Wear protective equipment (See Section H). Avoid breathing vapors. Contain spill. Collect with inert absorbent and remove. Dispose of properly.

Waste Disposal Procedures: Dispose of in accordance with federal, state, and local regulations. Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Before attempting clean-up or disposing of material, refer to hazard information in other sections of this sheet.

## Section G - Health Hazard Data

### **Chronic Effects Of Overexposure:**

Excessive overexposure to styrene has been found to cause the following effects in laboratory animals: Liver abnormalities, kidney damage and lung damage. (See also Section J). Overexposure to additional solvents components of this material have been found to cause the following effects in laboratory animals: liver abnormalities, kidney damage, lung damage, spleen damage, and brain damage.

### **Acute Effects Of Overexposure:**

**EYES:** Contact with liquid or vapor may result in irritation, redness, tearing, and blurred vision.  
**SKIN:** Contact with wet material may result in irritation of the skin, possible dermatitis, and possible defatting of skin.  
**INHALATION:** Excessive inhalation of vapors may cause nasal and respiratory irritation, acute nervous system depression, fatigue, weakness, nausea, headache, and dizziness.  
**SWALLOWING:** Ingestion of this material may cause gastrointestinal irritation, nausea, diarrhea, and vomiting. Aspiration of material into the lungs due to vomiting may produce chemical pneumonitis which can be fatal.

### **First Aid Procedures:**

**IF IN EYES:** Flush immediately with large amounts of water for at least fifteen minutes. See physician for medical treatment.  
**IF ON SKIN:** Immediately wash affected area with soap and water. Remove contaminated clothing. Consult a physician if irritation develops.  
**IF INHALED:** Remove person to fresh air. Restore breathing. Keep person warm and quiet. Treat symptomatically. Get medical attention.  
**IF SWALLOWED:** Keep person warm and quiet. Consult a physician or poison control center immediately.

## Section H - Special Protection Information

**Eye Protection:** Splash goggles should be worn.

**Skin Protection:** Protective gloves and proper clothing should be worn to prevent skin contact. Gloves should be made of neoprene or natural rubber. Barrier cream may be worn for additional skin protection.

**Respiratory Protection:** Use NIOSH-approved respirators designed to remove particulate matter and organic solvent vapors if individual threshold limit values are exceeded.

**Ventilation:** General dilution or local exhaust ventilation should be provided to keep exposures below acceptable limits (Section B) and to keep solvent vapors below the lower explosion limit.

**Other Protective Equipment:** Impermeable clothing should be worn to prevent prolonged or repeated contact of wet material with the skin.

**Hygienic Practices:** Always wash hands after using this material, and before eating, drinking, or smoking.

## Section I - Special Precautions

**Precautions To Be Taken In Handling And Storage:** Store material in a cool, well-ventilated area. Do not store at temperatures above 75 °F. Do not use or store near heat, sparks, or open flame. Keep containers tightly closed. Avoid contact with incompatible materials.

**Other Precautions:** This product must be mixed with catalyst prior to use. Mixture will have hazards of all components. Please refer to Material Safety Data Sheet for catalyst before using. If product is to be sanded, the PEL/TLV of 10 mg/m<sup>3</sup> for nuisance dusts should be observed. Keep out of reach of children. Do not take internally. Avoid contact with eyes and skin.

## Section J - Other Information

The International Agency for Research on Cancer (IARC) has classified styrene as a group 2B Carcinogen (possibly carcinogenic to humans). This classification is not based on evidence that styrene may be carcinogenic, but rather on a revised definition for Group 2B, and consideration of new data on styrene oxide. A number of lifetime animal studies with styrene, including those in the NCI Bioassay Program, have not shown styrene to be carcinogenic.

**WARNING:** This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

THE INFORMATION ACCUMULATED HEREIN HAS BEEN COMPILED FROM CURRENT SOURCES WHICH ARE BELIEVED TO BE ACCURATE AND RELIABLE. SINCE IT IS NOT POSSIBLE TO ANTICIPATE ALL CIRCUMSTANCES OF USE, RECIPIENTS ARE ADVISED TO CONFIRM, IN ADVANCE OF NEED, THAT THE INFORMATION IS CURRENT, APPLICABLE AND SUITABLE TO THEIR CIRCUMSTANCES.