

**SAFETY DATA SHEET**

Revision Date 04/10/15

**Section 1: Identification****Product Identifier on the Label:** 2-Sulfoethyl methacrylate **Product Number:** M-144**CAS#:** 10595-80-9 **Chemical Family:** N/A**Molecular Formula:** C<sub>6</sub>H<sub>5</sub>O<sub>5</sub>S**Recommended use of the chemical and restrictions on use:**

Identified Uses: Laboratory chemicals, Manufacture of substances

**Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:****Scientific Polymer Products, Inc.**

6265 Dean Parkway, Ontario, NY 14519

**Information Telephone#:** 585-265-0413 (8 AM to 5 PM, EST, Monday to Friday)**Information Fax#:** 585-265-1390 (8 AM to 5 PM, EST, Monday to Friday)**24 Hr. Emergency Telephone#:** Chem Tel (Day or Night) 800-255-3924**Section 2: Hazards Identification****Emergency Overview:****Color:** Dark brown**Physical State:**

Viscous liquid

**Odor:** No data available**Classification of the substance or mixture****GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Serious Eye Damage, Category 1

Skin Corrosion, Category 1C

Eye Irritation, Category 2B

For the full text of the H-Statements mentioned in this Section, see Section 16

**GHS Label elements, including precautionary statements****Pictogram(s)****Signal word(s):** Danger**Hazard Statement(s):**

H314 Causes severe skin burns and eye damage

**Precautionary Statement(s):**

P280 Wear protective gloves/protective clothing/eye protection

P302+P352 IF ON SKIN, wash with plenty of soap and water

P305B IF IN EYES, separate eyelids with finger tips

P314 Get medical advice/attention if you feel unwell

P351 Rinse cautiously with water for several minutes

**Hazards not otherwise classified (HNOC) or not covered by GHS:** May cause polymerization

### Section 3: Composition/Information on Ingredients

Component(s)	Classification	Concentration
2-Sulfoethyl methacrylate	Serious Eye Damage, 1C; Skin Corrosion, 1C; Eye Irritation, 2B	95-100
4-Methoxyphenol		0-5

### Section 4: First Aid Measures

#### Description of First Aid Measures:

<b>Inhalation:</b>	Contact medical personnel if discomfort persists
<b>Skin Contact:</b>	Wash skin with deluge of water for at least 15 minutes
<b>Eye Contact:</b>	Flush eyes with flowing water for at least 15 minutes. Separate eyelids with finger tips.
<b>Ingestion:</b>	Contact medical personnel if discomfort persists

### Section 5: Fire-Fighting Measures

**Extinguishing Media:** Dry chemical, CO2 or water spray. Consult with local fire authorities before attempting large scale fire-fighting operations.

#### Special Hazards Arising from the Substance or Mixture:

**Hazardous Combustion Products:** Sulfur oxides

**Special Protective Measures for Fire-Fighters:** Wear self-contained breathing apparatus and protective clothing.

### Section 6: Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area and collection for disposal of spill by trained protected clean up personnel.

### Section 7: Handling and Storage

No special measures are included. Store at 4C.

### Section 8: Exposure Controls/Personal Protection

#### Exposure Limits:

ACGIH (TWA): 5 mg/l

**Appropriate Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.

#### Personal Protective Equipment:

The use of eye protection in the form of safety glasses with side shield and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Use chemical splash goggles and face shield.

Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product. Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product. Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

### Section 9: Physical and Chemical Properties

<b>Appearance:</b>	Liquid	<b>Odor:</b>	No data available
<b>Approximate Mw:</b>	194.14	<b>Specific Gravity:</b>	1.3245 (25C)
<b>Refractive Index:</b>	$n_D^{25}$ 1.4772	<b>Viscosity:</b>	400 cp (25C)
<b>Fp (F):</b>	287	<b>Solubility in Water:</b>	Infinite
<b>pH:</b>	<2	<b>Vapor Density:</b>	>1
<b>Vapor Pressure:</b>	0.06 mmH (20C)	<b>bp (C):</b>	Decomposes

### Section 10: Stability and Reactivity

<b>Chemical Stability:</b>	Stable
<b>Conditions to Avoid:</b>	Heat
<b>Incompatible Materials:</b>	Acids, bases, peroxides, metals
<b>Hazardous Decomposition Product(s):</b>	Sulfur compounds
<b>Hazardous Polymerization:</b>	May occur

### Section 11: Toxicological Information

No data available

### Section 12: Ecological Information

No data available

### Section 13: Disposal Considerations

Do not dump into any sewers, on the ground, or into any body of water. All disposal practices must be in compliance with all Federal, State/Provincial and Local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility SOLELY of the waste generator. Scientific Polymer Products, Inc. has no control over the management practices or manufacturing processes of parties handling or using this material. The information presented here pertains ONLY to the product as shipped in its intended condition described in Section 2.

### Section 14: Transport Information

<b>US DOT:</b>			
<b>Proper Shipping Name:</b>	Corrosive liquids, n.o.s. (2-Sulfoethyl methacrylate)	<b>Hazard Class:</b>	8
<b>Packing Group:</b>	III	<b>UN#:</b>	1760
<b>IATA:</b>			
<b>Proper Shipping Name:</b>	Corrosive liquids, n.o.s. (2-Sulfoethyl methacrylate)	<b>Hazard Class:</b>	8
<b>Packing Group:</b>	III	<b>UN#:</b>	1760

## Section 15: Regulatory Information

All components of this product area on the TSCA public inventory.

Proposition 65: Column A identifies those items which are known to the State of California to cause cancer. Column B identifies items which are known to the State of California to cause reproductive toxicity.

<b>CAS#</b>	<b>Column A</b>	<b>Column B</b>
150-76-5	No	No
10595-80-9	No	No

State Regulatory Information: If a CAS# is listed below this material is subject to the listed state right-to-know requirements: None listed

SARA Toxic Release Chemicals (as described in Section 313 of SARA Title III): This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxic Release Inventory (TRI) List: None listed.

SARA Extremely Hazardous Substances and TPQs: This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c) and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B: None listed

CERCLA: The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR part 302. Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than it's RQ, in any 24-hour period, must be reported to the National Response Center at 800-424-8802. None listed

## Section 16: Other Information

This material is intended for laboratory use ONLY. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data available to us. However, we make NO warranty, express or implied, with respect to such information, and we assure no liability resulting from its use.

<b>NFPA</b>		<b>HMIS</b>	
Health	3	Health	3
Fire	1	Flammability	1
Instability	1	Physical Hazards	1