Material Safety Data Sheet

Section 1: Chemical Product and Company Identification
Cat#: 15179
Part Name: POLY(ETHYLENE GLYCOL)(400)DIMETHACRYLATE
Supplier: Polysciences, Inc.

400 Valley Road
Warrington, PA 18976 USA
MSDS Telephone #215-343-6484 Emergency only #215-378-4526

Identified uses: Laboratory use, manufacture of substances

Section 2: Hazards Identification

Hazard Overview
Causes skin and eye irritation.

GHS Classification
Skin Irritant Cat 2, Eye Irritation Cat 2B

Signal word: Danger

Hazard and Precautionary Statements
H315 Causes skin irritation.
P285 In case of inadequate ventilation wear respiratory protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305B IF IN EYES, Separate eyelids with finger tips.
P313 Get medical advice/attention.
P351 Rinse cautiously with water for several minutes.

NFPA Rating

Health Flammability Reactivity
0 1 1

Signal word: Danger

Poly(ethylene glycol) (n) dimethacrylate
0025852475

Section 3: Composition/ Information on Ingredients

Item# Name EINECS CAS# % in product
1 Poly(ethylene glycol) (n) dimethacrylate Unknown 0025852475 95-100

Section 4: First Aid Measures

Contact medical personnel.
Flush eyes with flowing water for at least 15 minutes.
If swallowed, wash out mouth with water if person is conscious.
Separate eyelids with finger tips.
Wash skin with deluge of water for at least 15 minutes.

Section 5: Fire Fighting Measures

Flash point, deg F.: >200 Method:
UEL: no data LEL: no data Autoignition temperature, deg. F.: no data
Flammability Classification: no data Flame Propagation Rate: no data
Hazardous Combustion Products: none

Section 6: Accidental Release Measures
The use of eye protection in the form of safety glasses with side shields 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 process enclosures, local exhaust ventilation, or other engineering controls.

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

<table>
<thead>
<tr>
<th>Formula: (C2H4O)nC8H10O3</th>
<th>vapor pressure: no data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formula Weight: no data</td>
<td>vapor density: &gt;1</td>
</tr>
<tr>
<td>boiling point: no data</td>
<td>Specific gravity: 1.09</td>
</tr>
<tr>
<td>melting point: &lt;32</td>
<td>ph: 3.4</td>
</tr>
<tr>
<td>solubility: miscible</td>
<td>appearance: clear liquid</td>
</tr>
</tbody>
</table>

Section 10: Stability and Reactivity

Chemical Stability: stable
Conditions to Avoid: heat
Incompatibility with other materials: initiators
Hazardous Decomposition Products: none
Hazardous Polymerization: may occur

Section 11: Toxicological Information

Acute Data: LD50 oral rat >2000 mg/Kg
   Irritant on Skin, FDA Draize, 24h, occlusive, nonirritating
   Irritant on Eyes, Draize, nonirritating
Subchronic data: no data

Section 12: Ecological Information

Readily Biodegradable: OECD 301 C 28 d: 84.3%
   LC50 Danio reo, OECD 203, 96h: >100 mg/l
   Bacterial Toxicity: EC50, DIN 38412 section 34: 130 mg/l

Section 13: Disposal Considerations

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Waste Code</th>
<th>Regulated Name</th>
</tr>
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<tbody>
<tr>
<td>0025852475</td>
<td>not listed</td>
<td>not listed</td>
</tr>
</tbody>
</table>

Section 14: Transportation Data

Proper Shipping Name: NOT REGULATED
Section 15: Regulatory Information

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

Section 16: Other Information

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END OF MSDS