**Section 1: Chemical Product and Company Identification**

Cat#: 17913  
Part Name: POLY(MMA) MW 100 000 PELLETS  
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  
Low hazard for usual industrial or commercial handling.  
GHS Classification  
Non-Hazardous

Signal word: **non-hazard**

Hazard and Precautionary Statements

- **H000** Low hazard for normal industrial use  
- **P305B** IF IN EYES, Separate eyelids with finger tips.  
- **P313** Get medical advice/attention.  
- **P335** Brush off loose particles from skin.  
- **P351** Rinse cautiously with water for several minutes.  
- **P501** Dispose of contents/container to proper waste area in accordance with institutional practices and local, state or federal regulations.

NFPA Rating

**Section 3: Composition/ Information on Ingredients**

<table>
<thead>
<tr>
<th>Item#</th>
<th>Name</th>
<th>EINECS</th>
<th>CAS#</th>
<th>% in product</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ethyl acrylate</td>
<td>205-438-8</td>
<td>0000140885</td>
<td>0 - 5</td>
</tr>
<tr>
<td>2</td>
<td>Methyl methacrylate</td>
<td>201-297-1</td>
<td>0000080626</td>
<td>0 - 5</td>
</tr>
<tr>
<td>3</td>
<td>Poly(methyl methacrylate)</td>
<td>Unknown</td>
<td>009011147</td>
<td>95-100</td>
</tr>
</tbody>
</table>

**Section 4: First Aid Measures**

Brush off the skin.  
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.

**Section 5: Fire Fighting Measures**

Flash point, deg F.: nap  
Method: nap  
UEL: no data  
LEL: no data  
Autoignition temperature, deg. F.: 739 F  
Flame Propagation Rate: no data  
Hazardous Combustion Products: possible acrylic monomers

**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, properly protected clean up personnel.  
No special measures are indicated.

**Section 7: Handling and Storage**

Store at room temp

**Section 8: Exposure Controls/ Personal Protection**

OSHA (ACGIH) Exposure Limits
Section 9: Physical and Chemical Properties

Formula: \((C_5H_8O_2\cdot C_5H_8O_2)x\)
Formula Weight: no data
vapor pressure: no data
boiling point: no data
melting point: 270 F
solubility: not soluble
appearance: pellets

Section 10: Stability and Reactivity

Chemical Stability: stable
Conditions to Avoid: none
Incompatibility with other materials: none
Hazardous Decomposition Products: acrylic monomers
Hazardous Polymerization: will not occur

Section 11: Toxicological Information

Acute Data: no data
Subchronic data: no data

Section 12: Ecological Information

no data

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>
</thead>
<tbody>
<tr>
<td>0000080626</td>
<td>U162</td>
<td>Methyl methacrylate</td>
</tr>
<tr>
<td>0000140885</td>
<td>U113</td>
<td>Ethyl acrylate</td>
</tr>
<tr>
<td>0009011147</td>
<td>not listed</td>
<td>not listed</td>
</tr>
</tbody>
</table>

Section 14: Transportation Data

Proper Shipping Name: NOT REGULATED
Chemical Name
UN
Class
PG

Section 15: Regulatory Information

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

Prop 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.

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Column A</th>
<th>Column B</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000080626</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>0000140885</td>
<td>Yes</td>
<td>no</td>
</tr>
<tr>
<td>0009011147</td>
<td>no</td>
<td>no</td>
</tr>
</tbody>
</table>

State Regulatory Information: If a CAS# is listed below this material is subject to the listed state right-to-know requirements.

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Regulated name</th>
<th>de minimis conc. %</th>
<th>Rep. Thres.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000080626</td>
<td>Methyl methacrylate</td>
<td>1.0</td>
<td>not listed</td>
</tr>
<tr>
<td>0000140885</td>
<td>Ethyl acrylate</td>
<td>0.1</td>
<td>not listed</td>
</tr>
<tr>
<td>0009011147</td>
<td>not listed</td>
<td>not listed</td>
<td>not listed</td>
</tr>
</tbody>
</table>

SARA Toxic Release Chemicals (as defined 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 Toxics Release Inventory (TRI) List.

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Regulated name</th>
<th>TPQ (pounds)</th>
<th>EHS-RQ (pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000080626</td>
<td>not listed</td>
<td>not listed</td>
<td>not listed</td>
</tr>
<tr>
<td>0000140885</td>
<td>not listed</td>
<td>not listed</td>
<td>not listed</td>
</tr>
<tr>
<td>0009011147</td>
<td>not listed</td>
<td>not listed</td>
<td>not listed</td>
</tr>
</tbody>
</table>

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 its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Regulated name</th>
<th>RQ (pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000080626</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>0000080626</td>
<td>2-Propenoic acid, 2-methyl-, methyl ester</td>
<td>1,000</td>
</tr>
<tr>
<td>0000080626</td>
<td>Methyl methacrylate</td>
<td>1,000</td>
</tr>
<tr>
<td>0000140885</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>0000140885</td>
<td>2-Propenoic acid, ethyl ester</td>
<td>1,000</td>
</tr>
<tr>
<td>0000140885</td>
<td>Ethyl acrylate</td>
<td>1,000</td>
</tr>
<tr>
<td>0009011147</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

Section 16: Other Information
POLYSCIENCES, INC. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. POLYSCIENCES, INC. makes no representations or warranties, either expressed or implied of merchantability, fitness for particular purposes with respect to the information set forth herein or to which the information refers. Accordingly, POLYSCIENCES, INC. will not be responsible for damages resulting from the use of or reliance upon this information.

END OF MSDS