Section 1 - Chemical Product and Company Identification

PRODUCT NAME: 1,1,1-Trimethylol Propane Trimethacrylate
CAS NUMBER: 3290-92-4
CHEMICAL NAME: Same
MSDS NUMBER: 7956
FORMULA WT.: 338
FORMULA: C_{18}H_{26}O_{6}

MONOMER-POLYMER & DAJAC LABORATORIES
4667 SOMERTON RD.
TREVOSE, PA 19053

EMERGENCY TELEPHONE NUMBER (CHEMTREC): (800) 424-9300 or (703) 527-3887
INFORMATION TELEPHONE NUMBER: (215) 364-1155
PREPARED BY: Michael A. Burns March 9, 2011
SUPERSEDES: 2-5-2002

Section 2 - Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>CAS NUMBER</th>
<th>HAZARDOUS COMPONENT</th>
<th>NTP</th>
<th>IARC</th>
<th>SUB-PART Z</th>
<th>SARA 313</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>OTHER LIMITS</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>3290-92-4</td>
<td>1,1,1-Trimethylol Propane Trimethacrylate</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N/D</td>
<td>N/D</td>
<td>N/D</td>
<td>&gt; 99%</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTE(S) OF ENTRY: Eyes, skin, inhalation and ingestion.

HEALTH HAZARDS (ACUTE AND CHRONIC):

EYES: May cause eye irritation.

SKIN: May cause skin irritation.

INHALATION: May cause respiratory system irritation.

INGESTION: May be harmful if swallowed.

SIGNS OF OVEREXPOSURE: Irritation, dizziness and nausea.
OTHER HEALTH WARNINGS: None noted

Section 4 - First Aid Measures

EYE CONTACT: Remove contact lenses immediately. Wash with copious amounts of water for at least 15 minutes. Do not rub eyes. Seek medical attention immediately.

SKIN CONTACT: Wash thoroughly with soap and water. Remove contaminated clothing. If symptoms persist, call a physician.

INHALATION: Move to fresh air. Seek medical attention.

INGESTION: If swallowed, immediately drink a large quantity of water and call a physician.

Section 5 - Fire-Fighting Measures

FLASH POINT: 369°F
FLAMMABLE LIMITS: N/D
LEL: N/D
UEL: N/D

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide for small fires. Foam and fog should be used for large fires. Water fogs should be used to cool containers exposed to extreme heat from side.

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus and full protective clothing in confined areas.

UNUSUAL FIRE FIGHTING PROCEDURES: High temperatures may cause spontaneous polymerization generating heat and pressure. Closed containers may rupture or explode during runaway polymerization.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

FOR LARGE SPILLS: Evacuate area and ventilate. Stay upwind. Eliminate ignition sources. Lay down inert absorbent material such as diatomaceous earth or vermiculite, dike to control spill if necessary. Using recommended protective equipment, pick up bulk of spill and containerize for recovery or disposal. Flush area with water to remove residues.

FOR SMALL SPILLS: Same.
Section 7 - Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a tightly closed container in a dry, cool area. Check inhibitor level often, adding it if needed. Do not blanket or mix with oxygen-free gas as it renders the inhibitor ineffective. Do not store below 32°F for the inhibitor may separate as a solid. Prevent moisture contact. Avoid contact with material. Avoid prolonged or repeated exposure. Lab should be equipped with a safety shower and an eye wash station. Wash thoroughly after handling material. Keep away from heat and open flames. Material should only be handled by qualified, experienced professionals.

OTHER PRECAUTIONS: None noted.

Section 8 - Exposure Controls / Personal Protection

VENTILATION REQUIREMENTS: Ventilation should be designed in accordance with good engineering practices.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: Wear appropriate NIOSH/MSHA-approved respirator with organic vapor cartridge N/A with local exhaust.

EYE PROTECTION: Splashproof goggles or face shield (ANSI Z87.1 or approved equivalent).

DERMAL PROTECTION: Protect all exposed skin from contact. Use gloves or neoprene or other chemically inert material. Use chemically resistant apron or other chemically impervious clothing to avoid prolonged or repeated skin contact.

OTHER: Eyewash and safety showers should be available in areas where this product is handled.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>SOLUBILITY IN WATER:</th>
<th>Negligible</th>
<th>SPECIFIC GRAVITY (H₂O =1)</th>
<th>1.088</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE AND ODOR:</td>
<td>Slightly yellowish liquid with an ester-like odor.</td>
<td>BOILING POINT (760 mm Hg)</td>
<td>&gt; 204°C</td>
</tr>
<tr>
<td>VAPOR PRESSURE @ 70°F:</td>
<td>&lt;&lt; 0.1</td>
<td>MELTING POINT:</td>
<td>~ 9°F</td>
</tr>
</tbody>
</table>

Section 10 - Stability and Reactivity

STABILITY: Stable at room temperature

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Oxides of carbon.

HAZARDOUS POLYMERIZATION: May occur.
INCOMPATIBILITY:

CONDITIONS TO AVOID: Avoid excessive heat. Avoid oxidizers and reducers, freezing conditions, inert gas blanketing, free radical initiators and oxygen scavengers.

Section 11 - Toxicological Information

ACUTE EYE EFFECTS: N/D

ACUTE DERMAL EFFECTS: Draize – skin (rabbit) 500 mg Mild

ACUTE INHALATION EFFECTS: N/D

ACUTE ORAL EFFECTS: N/D

Section 12 - Ecological Information

No information available

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD: If reclamation is not possible, dispose of material in accordance with all Federal, State and Local regulations.

Section 14 - Transport Information

DOT TRANSPORTATION DATA*:

PROPER SHIPPING NAME: Not Regulated
HAZARD CLASS: N/A
IDENTIFICATION NUMBER: N/A
PACKING GROUP: N/A
LABEL: None
SPECIAL PROVISIONS: N/A

*Contact Monomer-Polymer & Dajac Labs for details.
Section 15 - Regulatory Information

CERCLA REPORTABLE QUANTITY:  Not reportable under 40 CFR Part 302.4

RCRA STATUS:  Not subject to the 40CFR part 268.30 land ban on the disposal of certain hazardous wastes.

SARA TITLE III STATUS:
SECTION 311/312:  Not listed.
SECTION 313:  Not listed.

Section 16 - Other Information

ADDITIONAL MANUFACTURER WARNINGS:

Store only in closed, properly labeled containers.

Do not use cutting or welding torches on drums, which contained this product unless they have been properly cleaned and purged.

Use only with adequate ventilation.

Do not eat, drink or smoke in work areas. Wash hands with soap and water prior to eating or using toilet facilities and at the end of the work shift. Launder contaminated clothing prior to reuse.

OTHER PRECAUTIONS AND COMMENTS:  N/E

PREVIOUS REVISION DATE:  N/E

N/A = Not Applicable
N/D = Not Determined
N/E = Not Established
S = Suspected
ST = Short Term Exposure Limit

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**** END MSDS ****