Section 1 - Chemical Product and Company Identification

PRODUCT NAME: 2,2,3,3,4,4,5,5-Octafluorohexanediol-1,6-diacrylate  
CAS NUMBER: 2264-01-9  
SYNONYM: 1H,1H,6H,6H-Perfluoro-1,6-Hexyl Diacrylate  
FORMULA: C₁₂H₁₀O₄F₈  
FORMULA WT: 370.14  
MSDS NUMBER: 9400  
MONOMER-POLYMER & DAJAC LABS  
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 Burns  
SUPERSEDES: 7-17-2008  
NFPA  
HEALTH 1  
FIRE 1  
SPEC. HAZ None  
REACT 1  

Section 2 - Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>CAS NUMBER</th>
<th>HAZARDOUS COMPONENT</th>
<th>NTP</th>
<th>IARC</th>
<th>SARA 313</th>
<th>OSHA PEL</th>
<th>ACGIH TELV</th>
<th>OTHER LIMITS</th>
<th>PERCENT</th>
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</thead>
<tbody>
<tr>
<td>2264-01-9</td>
<td>2,2,3,3,4,4,5,5-Octafluorohexanediol-1,6-diacrylate</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N/D</td>
<td>N/D</td>
<td>N/D</td>
<td>&gt; 95%</td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTE(S) OF ENTRY: Inhale and skin contact, less possibility for 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: Respiratory irritation, dizziness, nausea, loss of consciousness.
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 milk or water and call a physician.

Section 5 - Fire-Fighting Measures

FLASH POINT: N/D FLAMMABLE LIMITS: N/D LEL: N/D UEL: N/D

EXTINGUISHING MEDIA: Dry chemical, sand, foam, carbon dioxide. Water fogs should be used to cool containers exposed to extreme heat.

SPECIAL FIRE FIGHTING PROCEDURES: Cool fire-exposed containers with water. Use self-contained breathing apparatus in confined areas.

UNUSUAL FIRE FIGHTING PROCEDURES: N/D

Section 6 - Accidental Release Measures

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

FOR LARGE SPILLS: Add dry material to absorb spill (If large spill, dike to contain). 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: Pick up with flame retardant treated absorbant and dispose of according to all applicable regulations.
Section 7 - Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Product may congeal or stratify if cold. Allow to warm to room temperature. Mix well before using. Store in a well ventilated, dry area. Store away from heat and direct sunlight.

OTHER PRECAUTIONS: Store at the temperature below 80°F, avoid UV light. Material is hygroscopic.

Section 8 - Exposure Controls / Personal Protection

VENTILATION REQUIREMENTS: Mechanical exhaust required. 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

| SOLUBILITY IN WATER: | Negligible |
| SPECIFIC GRAVITY (H2O =1) | N/A |
| APPEARANCE AND ODOR: | Clear colorless to slightly yellow liquid with characteristic odor |
| BOILING POINT: | 98-100°C @ 0.1 mm Hg |

Section 10 - Stability and Reactivity

STABILITY: Stable at room temperature.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon monoxide, carbon dioxide, hydrogen fluoride (gas). During a fire, irritating and/or toxic gases and aerosols from decomposition may be present.

HAZARDOUS POLYMERIZATION: May polymerize under high temperature or in contact with strong oxidents and free radicals.
INCOMPATIBILITY:

MATERIALS TO AVOID: Materials generating free radicals, alkali, acid, and strong oxidizing agents.

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### Section 11 - Toxicological Information

<table>
<thead>
<tr>
<th>Effect</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACUTE EYE EFFECTS</td>
<td>N/D</td>
</tr>
<tr>
<td>ACUTE DERMAL EFFECTS</td>
<td>N/D</td>
</tr>
<tr>
<td>ACUTE INHALATION EFFECTS</td>
<td>N/D</td>
</tr>
<tr>
<td>ACUTE ORAL EFFECTS</td>
<td>N/D</td>
</tr>
</tbody>
</table>

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### Section 12 - Ecological Information

No information is available.

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### Section 13 - Disposal Considerations

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

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### Section 14 - Transport Information

DOT TRANSPORTATION DATA*:

- PROPER SHIPPING NAME: N/A
- HAZARD CLASS: N/A
- IDENTIFICATION NUMBER: Not regulated
- PACKING GROUP: N/A
- LABEL: N/A
- 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 40 CFR Part 268.30 land ban on the disposal of certain hazardous wastes.

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

TSCA STATUS: Not on TSCA Inventory. For R&D use, unless used as a coating formulation component for fiber laser cladding.

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: 14 Dec 99

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 ****