## 1. Product Information

Product Name: Acrylic Poly UV Plus A Resin  
Product Class: Epoxy Coating  
Product Code: CG090-A

## 2. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number/Percent</th>
<th>Weight</th>
<th>Occup. Exposure Limits</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic Copolymer Solution</td>
<td>Mixture/35-40</td>
<td>35-40</td>
<td>Not established</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Ester Solvent</td>
<td>88230-35-7</td>
<td>14-18</td>
<td>Not established</td>
<td>1.4</td>
</tr>
<tr>
<td>Butyl Acetate</td>
<td>123-86-4</td>
<td>8-12</td>
<td>150 ppm</td>
<td>6.4</td>
</tr>
</tbody>
</table>

*Indicates toxic chemical(s) subject to reporting requirements of Section 313 of Title III and of 40 CFR 372.

## 3. Physical Data

**Boiling Range (Deg. F):** 250°F  
Vapor Density: Heavier than air  
Evaporation Rate: Slower than Ether  
Percent Volatile By Volume: 36  
Weight Per Gallon (lbs.): 11.7 ± .2

## 4. Fire and Explosion Hazard Data

**Flash Point (Deg.F):** 80°F  
Lower Explosive Limit: 1.7  
Extinguishing Media: Foam, alcohol foam, CO2, dry chemical  
OSHA Flammability Classification: Combustible Liquid IC  
Special Firefighting Procedures: Wear a NIOSH/MSHA approved self contained breathing apparatus and full protective clothing. Use water to keep fire exposed containers cool. Water may be ineffective as an extinguishing agent.  
Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation to ignition sources at locations distant from material handling point. Pressure may build up in containers and create an explosion hazard.

## 5. Health Hazard Data

**THIS PRODUCT IS FLAMMABLE.**  
**Effects of Overexposure:**  
**Eyes:** Irritation, burning, tearing and redness.  
**Skin:** Moderately irritating or defatting of skin upon prolonged or repeated contact. Ingestion: Abdominal pain, nausea, vomiting and diarrhea. Inhalation: Excessive exposure to vapors can cause headache, dizziness, uncoordination, nausea and loss of consciousness.  
Emergency and First Aid Procedures: Eyes: Flush with water for 15 minutes. Skin: Remove contaminated clothing, wash skin with soap and water. Ingestion: DO NOT induce vomiting. Get medical immediately. Inhalation: Move to fresh air, aid breathing if necessary. In all cases, consult a physician for best treatment.  
Chemical listed as carcinogen or potential carcinogen: NTP: No  
IARC: No  
OSHA: No

## 6. Reactivity Data

**Stability:** Product Stable  
**Conditions to Avoid:** All sources of ignition  
**Incompatibility (Materials to avoid):** Oxidizing agents, strong acids and bases.  
**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, nitrogen oxides and organic compounds.  
**Hazardous Polymerization:** Will not occur.

## 7. Spill or Leak Procedures

Steps to be taken in case material is released or spilled: Dike spill area. Absorb spill with inert absorbent material. Place in sealed metal containers for proper disposal.  
**Waste Disposal Method:** Dispose of in accordance with local, state and federal regulations.

## 8. Special Protection Information

**Respiratory Protection:** Use a NIOSH/MSHA jointly approved respirator  
**Ventilation:** Use mechanical ventilation  
**Protective Gloves:** Neoprene or rubber  
**Eye Protection:** Chemical splash goggles  
**Other Protective Equipment:** Protective clothing, barrier cream, eye bath, safety shower.

## 9. Special Precautions

Precautions to be taken in handling and storing: Store in dry area. Keep away from open flames and high temperatures.  
**Other precautions:** Minimize contact. Avoid breathing vapors. Practice good industrial hygiene and safe working practices.

## 10. Transportation Information and Regulatory Information

H.M.I.S. Codes: Health - 2, Flammability - 3, Reactivity - 0

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**date of prep:** 07/20/02  
**Manufactured by:** GCPM in AL  
**Distributed by:** Progressive Epoxy Polymers - 48 Wildwood Drive - Pittsfield, NH 03263 - Tel: 603-435-7199 - Fax: 603-435-7182
MATERIAL SAFETY DATA SHEET

1. Product Information

Product Name: Acrylic Poly UV Plus Hardener Part B
Product Class: Epoxy Hardener
Product Code: CG090-B

2. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Weight Percent</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Vapor Pressure mm Hg and Temp. F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isocyanate Oligomer</td>
<td></td>
<td>50-60</td>
<td>0.5 mg/m³ (TWA)</td>
<td>1.0 mg/m³ (STEL)</td>
<td>Not determined</td>
</tr>
<tr>
<td>*Methyl Ethyl Ketone</td>
<td>78-93-3</td>
<td>30-35</td>
<td>200 ppm</td>
<td>200 ppm</td>
<td>70</td>
</tr>
<tr>
<td>Aromatic Petroleum Distillates</td>
<td>64742-95-6</td>
<td>3-4</td>
<td>100 ppm</td>
<td>N/E</td>
<td>3</td>
</tr>
<tr>
<td>*N-Butyl Acetate</td>
<td>123-86-4</td>
<td>3-4</td>
<td>150 ppm</td>
<td>150 ppm</td>
<td>8.4</td>
</tr>
</tbody>
</table>

* indicates toxic chemical(s) subject to reporting requirements of Section 313 of Title III and of 40 CFR 372.

3. Physical Data

Boiling Range (Deg. F): 175°F
Vapor Density: Heavier than air
Evaporation Rate: Slower than ether
Percent Volatile By Volume: 55
Weight Per Gallon (lbs): 8.4 ± .25

4. Fire and Explosion Hazard Data

Flash Point Deg. F): 66°F
Lower Explosive Limit: 1.0
Extinguishing Media: Foam, alcohol foam, CO₂, dry chemical
OSHA Flammability Classification: Flammable Liquid, Class IB
Special Firefighting Procedures: Wear a NIOSH/MSHA approved self contained breathing apparatus and full protective clothing. Use water to keep fire exposed containers cool. Water may be ineffective as an extinguishing agent.
Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation to ignition sources at locations distant from material handling point. Pressure may build up in containers and create an explosion hazard.

5. Health Hazard Data

THIS PRODUCT IS CORROSIVE
Effects of Overexposure:
Eyes: Irritation, burning, tearing, redness, swelling, possible chemical burns.
Skin: Severe irritation, possible skin sensitizer. Can cause chemical burns, redness and swelling.
Ingestion: Abdominal pain, nausea, vomiting, diarrhea, throat and mouth burns.
Inhalation: Headache, nausea, respiratory tract irritation.

Emergency and First Aid Procedures:
Eyes: Flush with water for 15 minutes. Skin: Remove contaminated clothing, wash skin with soap and water. Inhalation: DO NOT induce vomiting. Get medical treatment immediately.
In all cases, consult a physician for best treatment.

Chemical listed as carcinogen or potential carcinogen:: NTP: No IARC: No OSHA: No

6. Reactivity Data

Stability: Product Stable
Conditions to avoid: All sources of ignition
Incompatibility (Materials to Avoid): Oxidizing agents, strong acids and bases.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen oxides and organic compounds.
Hazardous Polymerizations: Will not occur.

9. Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled: Dike spill area. Absorb spill with inert absorbent material. Place in sealed metal containers for proper disposal.
Waste Disposal method: Dispose of in accordance with local, state and federal regulations.

10. Special Protection Information

Respiratory Protection: Use a NIOSH/MSHA jointly approved respirator
Ventilation: Use mechanical ventilation
Protective Gloves: Neoprene or rubber.
Eye Protection: Chemical splash goggles
Other Protective Equipment: Protective clothing, barrier cream, eye bath, safety shower

11. Special Precautions

Precautions to be taken in handling and storing: Store in dry area. Keep away from open flames and high temperatures.
Other precautions: Minimize contact. Avoid breathing vapors. Practice good industrial hygiene and safe working practices.

12. Transportation Information and Regulatory Information

H.M.I.S. Codes:: Health - 3, Flammability - 3, Reactivity - 1

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