1. Chemical Product and Company Identification:

Product Name: Cyberpoxy 5000 Resin
Product Type: Epoxy Resin
Revision Date: 09/16/10

2. Composition, Information on Ingredients:

<table>
<thead>
<tr>
<th>Hazardous component</th>
<th>CAS Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol A Diglycidyl Ether Resin</td>
<td>25068386</td>
<td>20-50</td>
</tr>
</tbody>
</table>

There are no exposure limits associated with this chemical.

3. Hazards Identification:

Toxicity: Moderate skin and Eye Irritant.
Primary Routes of Entry: Eye, skin contact.
Signs and symptoms of Exposure: Contact at elevated temperatures can cause thermal burns which may result in permanent damage to skin and eyes.
Existing conditions aggravated by exposure: Preexisting eye and skin disorders.

4. First Aid Measures:

Ingestion: Do not induce vomiting. Obtain medical attention.
Inhalation: Remove person to fresh air. Administer oxygen if breathing is difficult. Get medical attention if symptoms persist.
Skin Contact: Remove contaminated clothing. Flush skin with water for 15 minutes. Wash affected area with soap and water.
Eye Contact: Flush with warm water for 20 minutes while gently holding the eyelids open. Obtain immediate medical attention.

5. Fire Fighting Measures:

Flash Point: >400°F
Extinguishing Media: Foam, Dry Chemical, or Carbon Dioxide

Unusual Fire or Explosion Hazards: Heating above 300°F in the presence of air
May cause slow oxidative decomposition and
Above 500°F may cause polymerization.
Personnel in the vicinity and downwind should
be evacuated.

Special Firefighting Procedures: Material will not burn unless preheated. Wear
self-contained breathing apparatus and protective clothing. Cool fire exposed
containers with water.

Hazardous Products Formed by Fire Or Thermal Decomposition: Emits fumes of chloride, carbon monoxide, and
other fumes and vapors varying in composition and toxicity.

6. Accidental Release Measures:

Steps to be taken in case of spill or leak: Avoid personal contact. Soak up with inert absorbent such as clay or sand. Store in a partly filled, closed container until disposal.
Flush area with water to remove trace residue.
Prevent spill from entering drainage/ sewer systems.

7. Handling and Storage:

Safe storage: Store in a cool dry area away from high temperatures and flames.
Handling: Avoid contact with skin and eyes.

8. Protective Equipment:

Eye Protection: Safety glasses or goggles with side shields.
Skin: Rubber, polyethylene, or neoprene gloves.
Ventilation: Local exhaust preferred although good general mechanical ventilation is adequate except for confined areas.
Respiratory Protection: If used in a confined area use NIOSH approved respirator with organic vapor cartridges.

9. Physical and Chemical Properties:

Appearance: Clear Viscous Liquid
Odor: Mild
Boiling Point: Greater than 500°F
Vapor Pressure: Less than 0.03mmHg @ 171°F
Vapor Density: >1 (air = 1)
Evaporation Rate: Not Applicable
Specific Gravity: 1.17
Solubility in Water: Negligible

10. Stability and Reactivity:

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Strong Lewis or mineral acids and bases, strong oxidizing agents.

11. Toxicological Information:

Oral LD50 (rat) 11.4 g/kg
Dermal LD50 (rabbit) >20 ml/kg
Inhalation LC50, 4 hours (rat) No deaths in saturated air

12. Ecological Information: No Data

13. Disposal Considerations:

Incinerate or dispose of in an approved landfill in accordance with local and EPA regulations. Not a RCRA Hazardous waste.
14. Transportation Information:

Domestic Ground Transport
Proper Shipping Name: Non-regulated
Hazard Class or Division: N/A
Identification Number: N/A
Marine Pollutant: No

15. Regulatory Information:

TSCA: All ingredients on the United States TSCA inventory.
Canadian Regulations: WHMIS Hazard Class D2B
All components are on the DSL

16. Other Information:

<table>
<thead>
<tr>
<th>Hazard</th>
<th>NFPA Hazard Code®</th>
<th>HMIS Hazard Code®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Fire</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Reactivity</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Specific Hazard</td>
<td>None</td>
<td>Personal Protection See Section 8</td>
</tr>
</tbody>
</table>

NFPA is a registered trademark of the National Fire Protection Association.
HMIS is a registered trademark of the National Paint and Coatings Association.

Prepared by: Cyberbond Regulatory Department
Company: Cyberbond L.L.C. 401 North Raddant Road  Batavia, IL 60510
Phone: 630-761-8900 /Fax: 630-761-8989
1. Chemical Product and Company Identification:

Product Name: Cyberpoxy 5000 Hardener
Product Type: Epoxy Hardener
Revision Date: 09/16/10

2. Composition, Information on Ingredients:

<table>
<thead>
<tr>
<th>Hazardous component</th>
<th>CAS Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyamid-Polymercaptan Epoxy Hardener</td>
<td>Trade Secret</td>
<td>90-100</td>
</tr>
</tbody>
</table>

This chemical has no documented exposure limits

3. Hazards Identification:

Toxicity: Eye, skin, and respiratory irritant.
Primary Routes of Entry: Eye, skin contact. Inhalation
Symptoms of acute over-exposure: Prolonged contact may cause dermatitis with sensitive individuals. Can cause severe irritation with possible eye damage or blindness. Sensitization and delayed lung effects.
Existing conditions aggravated by exposure: May aggravate existing skin, eye and lung conditions.

4. First Aid Measures:

Ingestion: Do not induce vomiting. Administer 3-4 glasses of milk or water. Obtain immediate medical attention.
Inhalation: Remove to fresh air. Administer oxygen if breathing is difficult. Get Medical attention if symptoms persist.
Skin Contact: Remove contaminated clothing. Flush affected area with water for 15 minutes. Wash with soap and Water. Call physician if irritation develops.
Eye Contact: Flush with warm water for 20 minutes. Obtain immediate medical attention.

5. Fire Fighting Measures:
Material Safety Data Sheet  
Cyberpoxy 5000 Resin  
and Hardener

Flash Point: >200°F
Extinguishing Media: Foam, Dry Chemical, Water or Carbon Dioxide

Unusual Fire or Explosion Hazards: Personnel in vicinity and downwind should be evacuated.
Special Firefighting Procedures: Wear full bunker gear, self-contained breathing apparatus and protective clothing. Cool fire exposed containers with water.

Hazardous Products Formed by Fire Or Thermal Decomposition: Oxides of carbon, sulfur, and nitrogen; ammonia and other organic substances may be formed during combustion.

11. Accidental Release Measures:
Steps to be taken in case of spill or leak: Avoid personal contact. Soak up with inert absorbent. Store in a partly filled, closed container until disposal. Flush area with water to remove trace residue. Prevent spill from entering drainage/ sewer systems.

7. Handling and Storage:
Safe storage: Store below 100°F. Store in a cool, dry area away from high temperatures and flames.
Handling: Avoid contact with skin, eyes and clothing.

8. Protective Equipment:
Eye Protection: Safety glasses or goggles with side shields.
Skin: Chemical-resistant rubber gloves.
Ventilation: Local exhaust preferred although good general mechanical ventilation is adequate except for confined areas.
Respiratory Protection: None needed with normal use with proper ventilation. In areas of poor ventilation use NIOSH approved organic vapor cartridges for uncured resin.
9. Physical and Chemical Properties:

Appearance: Clear to slight yellow viscous liquid  
Odor: Mercaptan odor  
Boiling Point: Not determined  
Vapor Pressure: $< 1 \text{mmHg at 70°F}$  
Vapor Density: Not determined  
Evaporation Rate: Not determined  
Specific Gravity: 1.13  
Solubility in Water: Negligible  
VOC: 0 g/L  
$pH(5\%\text{ solution in water})$: 9.5

12. Stability and Reactivity:

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: Strong oxidizing agents and amines.

11. Toxicological Information: See Section 3

12. Ecological Information: No Data

13: Disposal Considerations:

Disposal Procedures: Incinerate or dispose of in an approved landfill in accordance with local and EPA regulations. Not a RCRA Hazardous waste.

14. Transportation Information:

Domestic Ground Transport  
Proper Shipping Name: Non-regulated  
Hazard Class or Division: N/A

Identification Number: N/A  
Marine Pollutant: No

15. Regulatory Information:

CA Proposition 65: None
TSCA: All ingredients are listed or are exempt from listing.

SARA 312: Immediate health hazard; delayed health hazard

Canadian Regulations: WHMIS Hazard Class D2B

16: Other Information:

<table>
<thead>
<tr>
<th>Hazard</th>
<th>NFPA Hazard Code®</th>
<th>HMIS Hazard Code®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Fire</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Reactivity</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Specific Hazard</td>
<td>None</td>
<td>Personal Protection See Section 8</td>
</tr>
</tbody>
</table>

NFPA is a registered trademark of the National Fire Protection Association.
HMIS is a registered trademark of the National Paint and Coatings Association.

Prepared by: Cyberbond Regulatory Department
Company: Cyberbond L.L.C. • 401 North Raddant Road • Batavia, IL 60510
Phone: 630-761-8900 / Fax: 630-761-8989