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Material Safety Data Sheet

Cyberpoxy 5899



1. Chemical Product and Company Identification:

Product Name: Cyberpoxy 5899 Part A
Product Type: Epoxy Adhesive
Revision Date: 7/10/10

2. Composition, Information on Ingredients:

Combination of non-hazardous materials.

<u>Hazardous component</u>	<u>CAS Number</u>
Bisphenol A (epichlorhydrin)	25068-38-6
Butyl Glycidyl Ether	2426-08-6
Ingredients which have exposure limits	

<u>Exposure limits (TWA)</u>	<u>ACGIH (TLV)</u>	<u>OSHA (PEL)</u>
Butyl Glycidyl Ether	25 ppm	25 ppm

3. Hazards Identification:

Toxicity:	Mild Eye Irritant.
Primary Routes of Entry:	Eye, skin contact.
Signs and symptoms of Exposure:	May cause dermatitis with prolonged contact on sensitive individuals.
Existing conditions aggravated by exposure:	None known.

4. First Aid Measures:

Ingestion:	Do not induce vomiting. Keep calm. Obtain medical attention.
Inhalation:	Does not apply.
Skin Contact:	Wash affected area with soap and water.
Eye Contact:	Flush with warm water for several minutes. Obtain medical attention.

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5. Fire Fighting Measures:

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

Unusual Fire or Explosion Hazards: None
Special Firefighting Procedures: None
Hazardous Products Formed by Fire Or Thermal Decomposition: Oxides of carbon; aldehydes and other organic substances may be formed during combustion.

1. Accidental Release Measures:

Steps to be taken in case of spill or leak: Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

2. Handling and Storage:

Safe storage: Store below 100°F.
Handling: Avoid contact with skin and eyes.

3. 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: Does not apply.

4. Physical and Chemical Properties:

Appearance: White Paste
Odor: Mild
Boiling Point: > 400°F
Vapor Pressure: Less than 1mmHg @20°C
Vapor Density: Approximately 3 (air = 1)
Evaporation Rate: Not Applicable
Specific Gravity: 1.25
Solubility in Water: Negligible

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5. Stability and Reactivity:

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: None

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: Unrestricted
Hazard Class or Division: Unrestricted

Identification Number: None
Marine Pollutant: No

15. Regulatory Information:

CA Proposition 65: This product contains saccharin. Proper usage necessitates no Proposition 65 warning.

16. Other Information:

Hazard	NFPA Hazard Code®	HMIS Hazard Code®
Health	3	3
Fire	1	1
Reactivity	1	1
Specific Hazard	None	Personal Protection See Section 8

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

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1. Chemical Product and Company Identification:

Product Name: Cyberpoxy 5899 Part B
Product Type: Epoxy Hardener
Revised: 7/10/10

2. Composition, Information on Ingredients:

<u>Hazardous component</u>	<u>CAS Number</u>
Polyamide resin	68082-29-1
Trithylenetetramine	112-24-3

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.

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5. Fire Fighting Measures:

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.

6. 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.

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9. Physical and Chemical Properties:

Appearance:	Black paste
Odor:	amine-like
Boiling Point:	Not determined
Vapor Pressure:	<1mmHg at 70°F
Vapor Density:	Not determined
Evaporation Rate:	Not determined
Specific Gravity:	1.28
Solubility in Water:	Negligible
VOC	0 g/L

7. 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

16. Regulatory Information:

CA Proposition 65: None

TSCA: All ingredients are listed or are exempt from listing.

SARA 312: Immediate health hazard; delayed health hazard

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Canadian Regulations: WHMIS Hazard Class D2B

Other Information:

Hazard	NFPA Hazard Code®	HMIS Hazard Code®
Health	3	3
Fire	1	1
Reactivity	1	1
Specific Hazard	None	Personal Protection See Section 8

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