

Epoxy Systems, Inc.
Material Safety Data Sheet
OSHA's Hazard Communication Standard,
29 CFR 1910.1200.

IDENTITY: EPOXY.COM #831 "A" Component

SECTION I

Manufacturer:	Epoxy Systems, Inc.	Emergency Number:	1-800-633-8253
Address:	20774 W. Pennsylvania Ave. Dunnellon, FL 34431	Telephone Number:	352-489-1666
		Date Prepared:	10/2011

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS #	OSHA PEL	Hazard Limits	%
Epoxy Resin	025085-99-8	N/A		

Residual level of epichlorohydrin is controlled to 1 PPM maximum in the product.

HMIS Hazard Code Health : 2 Flammability : 1 Physical hazard : 0

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/A	Specific Gravity (H₂O =1):	1.11
Vapor Pressure (mm Hg.):	N/A	Melting Point:	N/A
Vapor Density (AIR = 1):	N/A	Evaporation Rate:	N/A
Solubility in Water:	Slight	(Butyl Acetate = 1)	
Appearance and Odor:	Yellowish liquid, mild odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 480° F (PMCC)

Flammable Limits: LEL N/D UEL N/D

Extinguishing Media: Foam, dry chemical, CO₂

Special Fire Fighting Procedures: Wear positive pressure, self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability: Stable **Conditions to Avoid:** None

Incompatibility: Base

Hazardous Decomposition or Byproducts: Carbon monoxide

Hazardous Polymerization: Will Not Occur **Conditions to Avoid:** None known

(OVER)

EPOXY.COM #831“A” Component - continued

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: **Inhalation:** No **Skin:** Yes **Ingestion:** Yes

Health Hazards (*Acute and Chronic*): May cause eye irritation. Can cause allergic skin response. No hazards anticipated from ingestion incidental to industrial exposure.

Carcinogenicity: **NTP:** Not Listed **IARC Monographs:** Not Listed **OSHA Regulated:** Not Regulated

Signs and Symptoms of Exposure: Skin or eye irritation or sensitization.

Medical Conditions Generally Aggravated by Exposure: None known.

Emergency and First Aid Procedures: Skin - Flush with soap and water. Eyes - Flush with water for at least 15 minutes.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Soak up with absorbent materials such as sand, and collect in suitable containers.

Waste Disposal Method: Burn in approved incinerator in compliance with Federal, State, and Local regulations.

Precautions to Be Taken in Handling and Storing: Keep containers closed. Keep in cool area.

Other Precautions: Avoid breathing vapors.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None normally needed.

Ventilation: Mechanical (General) Good general ventilation.

Protective Gloves: Rubber Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Clean work clothing.

Work/Hygienic Practices: Follow practices of good industrial hygiene.

VOC CONTENT: 0 lbs per gallon

Epoxy Systems, Inc.
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IDENTITY: EPOXY.COM #831 "B" Component

SECTION I

Manufacturer: Epoxy Systems, Inc. **Emergency Number:** 1-800-633-8253
Address: 20774 W. Pennsylvania Ave. **Telephone Number:** 352-489-1666
Dunnellon, FL 34431 **Date Prepared:** 10/2011

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS #	OSHA PEL	Hazard Limits	%
Modified Poly Amine	mixture	N/E	100%	

HMIS Hazard Code Health : 2 Flammability : 1 Physical hazard : 0

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	Unknown	Specific Gravity (H₂O =1):	1.03
Vapor Pressure (mm Hg.):	1 mm Hg	Melting Point:	N/A
Vapor Density (AIR = 1):	6.53	Evaporation Rate:	N/D
Solubility in Water:	Slight	(Butyl Acetate = 1)	
Appearance and Odor:	Dark liquid, amine odor		

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 265° F (PMCC)

Flammable Limits: LEL N/D UEL N/D

Extinguishing Media: Water fog, dry chemical, CO₂

Special Fire Fighting Procedures: Use a positive pressure, self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: None.

SECTION V - REACTIVITY DATA

Stability: Stable **Conditions to Avoid:** None

Incompatibility: Acids, bases

Hazardous Decomposition or Byproducts: Nitrogen oxides when burned.

Hazardous Polymerization: Will Not Occur **Conditions to Avoid:** None known

(OVER)

EPOXY.COM #831“B” Component – continued

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: **Inhalation:** Yes **Skin:** Yes **Ingestion:** No

Health Hazards (*Acute and Chronic*): May cause severe injury to skin following prolonged or repeated contact. May cause allergic responses. Ingestion may cause burns of throat and mouth.

Carcinogenicity: **NTP:** Not Listed **IARC Monographs:** Not Listed **OSHA Regulated:** Not Regulated

Signs and Symptoms of Exposure: Eye irritation, skin irritation.

Medical Conditions Generally Aggravated by Exposure: Skin irritation

Emergency and First Aid Procedures: Skin - Flush with soap and water. Eyes - Flush with water for at least 15 minutes. Ingestion - Do not induce vomiting.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Contain spill. Soak up with absorbent materials. Collect in suitable containers.

Waste Disposal Method: Burn in approved incinerator in compliance with Federal, State, and Local regulations.

Precautions to Be Taken in Handling and Storing: Keep containers closed. Keep in cool area.

Other Precautions: Avoid breathing vapors.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic respirator in confined areas.

Ventilation: Mechanical (General) Good general ventilation.

Protective Gloves: Rubber Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Clean work clothing.

Work/Hygienic Practices: Follow practices of good industrial hygiene.

VOC CONTENT: 0 lbs per gallon