

MATERIAL SAFETY DATA SHEET

EP-200 EPOXY RESIN, Part A

Date Issued: January 15, 2010

<u>HMIS Rating</u>	
Health	1
Flammability	0
Reactivity	0
Personal Protection	B

SECTION I		Product and Company Identification	
Manufacturer:	Lyons Manufacturing, Inc.	Telephone No.	214/381-8100
	8900 Forney Rd.	Fax No.	214/381-8158
	Dallas, TX 75227-4504	Website:	www.lyonsmanufacturing.com
Emergency Phone:		214/381-8100	
Product Name:	EP-200 Epoxy Resin, Part A		
Chemical Family:	Epoxy Resin		

SECTION II		Composition/Information on Ingredients	
<u>Ingredient Name:</u>	<u>CAS Number</u>	<u>%</u>	
Bisphenol A Epoxy Resin	25068-38-6	80-90%	
Aliphatic Diglycidyl Ether	26142-30-3	10-20%	

SECTION III		Hazards Identification	
<u>Eye Hazards:</u>		Eye Irritant.	
<u>Skin Hazards:</u>		May cause reversible skin irritation.	
<u>Ingestion Hazards:</u>		Not likely to occur.	
<u>Inhalation Hazards:</u>		May cause reversible irritation to upper respiratory system. Extended exposure may cause headaches.	

SECTION IV		First Aid Measures	
<u>Eye:</u>		Irrigate eyes thoroughly with water for 15 minutes Consult a physician	
<u>Skin:</u>		Wash skin thoroughly with soap and water. Remove contaminated clothing. If necessary, consult a physician.	
<u>Ingestion:</u>		If swallowed, call a physician or poison control center immediately. If large volume and victim is breathing, induce vomiting.	

Inhalation: Remove to fresh air. If breathing has stopped, begin artificial respiration. Consult a physician.

SECTION V Fire Fighting Measures

Flash point: 482 F (SETA)

Extinguishing Media: Dry Chemical; CO₂

Fire Fighting Instructions: Firefighters should wear full protective gear and self-contained breathing apparatus.

SECTION VI Accidental Release Measures

If spills or leaks occur, wear protective equipment. Absorb with sand, clay or other absorbent. Collect and dispose of in accordance with local, state and federal regulations.

SECTION VII Handling and Storage

Handling and Storage Precautions: Store in cool dry area. Keep containers closed, and away from ignition sources and intense heat. Use organic vapor mask as necessary. Handle with Chemical Resistant Gloves. Wear chemical goggles or mask.

Work/Hygienic Practices: Wash exposed areas thoroughly with soap and water after handling.

SECTION VIII Exposure Controls/Personal Protection

Engineering Controls: Have good general and local exhaust ventilation in area.

Eye/Face Protection: Wear chemical goggles or mask.

Skin Protection: Avoid skin contact. Wear rubber or plastic gloves.

Respiratory Protection: In confined areas, provide organic vapor mask as necessary.

Other/General Protection: For industrial use only. Keep away from children.

SECTION IX Physical and Chemical Properties

Appearance: Clear, Pale Yellow Liquid with Slight aromatic odor.

Boiling Point: >300 F

Percent Volatiles: Nil

Evaporation Rate: Nil

Solubility in Water: Negligible

Vapor Density: N/A

Vapor Pressure: N/A

Specific Gravity: 1.18

SECTION X Stability and Reactivity

Stability: Stable.

Hazardous Polymerization: Will not occur

Conditions to Avoid (Stability): Excessive heat over a long period of time will cause degradation, increase viscosity, and raise epoxide equivalent weight.

Incompatible Materials: Strong Organic and Inorganic Acids, Strong Bases, Strong Oxidizing Agents.

Hazardous Decomposition Products: Phenolics, Carbon Monoxide..

SECTION XI Toxicological Information

Conditions Aggravated by Exposure: None known.

SECTION XII Ecological Information

No information available

SECTION XIII Disposal

Dispose in accordance with applicable federal, state and local regulations.

SECTION XIV Transportation Information

Not regulated by Federal or State DOT

SECTION XV Regulatory Information

All ingredients of this product are listed or are excluded from listing under the U. S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SARA Section 313 Notification:

Does not contain any ingredient regulated under Section 313 of the Emergency Planning and Community Right-to-know Act of 1986 or 40CFR 372.

Ingredients at levels requiring threshold planning quantities or release reporting per 40CFR355 - None

Ingredients listed in California Prop. 65 as causing cancer birth defects or other reproductive Harm. - None

Ingredients listed on the Pennsylvania Hazardous Substance List - None

SECTION XVI**Other Information****HMIS Rating:**

Health	1
Fire	0
Reactivity	0
PPE	B

Disclaimer

The information in this Material Safety Data Sheet is accurate to the best of Lyons knowledge or is obtained from sources believed by Lyons to be accurate, but no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from its use. Since job and other conditions of use vary widely and are outside Lyons control, Lyons assumes no responsibility for any injuries which may occur in connection with any use of this product or information.

While MSDS do not change often, if in doubt, please contact Lyons Manufacturing, Inc. at 214/381-8100 for the most recent version or visit our website at www.lyonsmanufacturing.com.