

1. Identification

Manufacturer's Name: Susan Lenart Kazmer LLC
Street Address: 678 Grand Street
Emergency Phone #: 800-424-9300 (CHEMTREC)
Information Phone #: 888-235-1423

Date of Preparation: October 11, 2012
City, State, Zip: Vermilion, OH 44089
Chemical Family: Epoxy Resin
Chemical Name: Diglycidylether of Bisphenol-A

2. Hazard identification



Signal word:

Warning

Emergency Overview

Blue tinted liquid with sweet characteristic odor.
May cause irritation to the skin, eyes, and/or respiratory tract.
May cause skin sensitization.

Hazard Statements:

- H315 Causes skin irritation.
- H317 May cause skin sensitization
- H320 Causes eye irritation.
- H335 May cause respiratory irritation.

Precautionary Statements:

- P264 Wash thoroughly after handling.
- P270 Do not eat, drink, or smoke when using this product.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Primary route of exposure: Inhalation, skin, eyes, ingestion.

Irritation data: Irritating to skin, eyes, and respiratory tract.

Inhalation: May cause respiratory irritation. Fumes may cause polymer-fume fever, a flu-like illness characterized by chills, headaches, and fever with chest tightness and mild cough. May cause an allergic respiratory response upon exposure to heated vapors.

ICE Resin® Part A Resin

Skin contact: Minor irritation. May be a skin sensitizer. Prolonged or repeated exposure may cause allergic reaction or sensitization characterized by rash, irritation, redness and burning, drying and cracking of the skin.

Eye contact: Minor transient irritation. No corneal injury likely.

Ingestion: Harmful if swallowed. May cause abdominal pain, vomiting, and diarrhea.

Medical conditions generally aggravated by exposure: Skin disorders and allergies.

3. Composition / Information on ingredients

Components	CAS#	%
Epoxy Resin	25085-99-8	90 - 100

Remaining components, if any, are not hazardous or hazardous components are present at <1% (0.1% for carcinogens).

4. First aid measures

- Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Skin contact: Remove contaminated clothing and shoes. Wash affected area with soap and water until no evidence of the chemical remains. Wash clothing before reuse. Get medical attention if irritation develops.
- Eye contact: Flush thoroughly with water for at least 15 minutes, occasionally lifting upper and lower lids, until no evidence of the chemical remains. Get medical attention, preferably from an ophthalmologist.
- Ingestion: Treat symptomatically and supportively. Remove stomach contents by gastric suction or induce vomiting ONLY as directed by a physician or medical personnel. Get medical attention. Do not give anything by mouth to an unconscious person.

5. Fire-fighting measures

Flammable properties:

Flash Point: 485 °F (PMCC)

Flammable Limits: Not determined

Autoignition temperature: Not determined

Extinguishing media: Use water spray, dry chemical, foam, or carbon dioxide.

Protection of firefighters (specific hazards arising from the chemical): Closed containers may rupture violently when exposed to heat. Irritating vapors may be released. Combustion products may be hazardous.

Protective equipment and precautions for firefighters: Firefighters should wear full bunker gear including a positive pressure, NIOSH approved, self-contained breathing apparatus.

6. Accidental release measures

Personal precautions: Wear suitable protective equipment. Provide adequate ventilation. AVOID BREATHING VAPORS. Absorb with clay, diatomaceous earth, or other suitable inert absorbent. Carefully place spilled material into a clean, dry container and cover. Reclaim or place in suitable container for disposal.

Environmental precautions: Keep out of waterways.

7. Handling and storage

Handling: Wear suitable protective equipment. Wash thoroughly after handling. Keep container closed when not in use.

Storage: Store in a cool, dry place with adequate ventilation, away from combustibles.

8. Exposure controls / Personal protection

Component	OSHA – PEL	ACGIH – TLV
Epoxy Resin	Not established	Not established

Engineering controls: Use local or general dilution ventilation to maintain exposure below the exposure limits.

Eye protection: Safety glasses with side shields or choose in accordance with OSHA Personal Protective Equipment Standard 29 CFR 1910.133.

Skin protection: Recommended. Choose impervious protective gloves in accordance with OSHA Personal Protective Equipment Standard 1910.132.

Respiratory protection: Where airborne concentrations may exceed guidelines for permissible air concentrations, choose a respirator in accordance with OSHA Respirator Standard 29 CFR 1910.134. NIOSH approved respirators are only required when ventilation is inadequate.

General hygiene considerations: Wear appropriate protective clothing to minimize repeated or prolonged skin contact with this substance. Wash thoroughly after handling and before eating or drinking.

Other protective equipment: Safety shower and eye bath should be provided.

9. Physical and chemical properties

Appearance: Blue tinted liquid
Odor: Characteristic epoxy
Odor threshold: Not known
Physical state: Liquid
pH: Not determined
Boiling point: 149 °C
Melting/Freezing point: Not applicable
Evaporation rate: Slower than ether
Flammability: Will burn
Flash point: 485 °F
Upper explosive limits: Not determined
Lower explosive limits: Not determined
Vapor pressure: Not applicable
Vapor density: Not applicable
Specific gravity or Relative density: 1.12
Solubility: Not soluble
Oil/water coefficient: Not applicable
Autoignition temperature: > 300 °C
Decomposition temperature: Not determined

10. Stability and reactivity

Chemical stability: Stable
Conditions to avoid: Not applicable
Incompatible materials: Oxidizing agents, strong acids, amines, mercaptans, bases (in uncontrolled amounts). Reaction with peroxides may result in violent decomposition of the peroxide.
Hazardous decomposition products: Oxides of carbon
Possibility of hazardous reactions:
 Polymerization: May occur with greater than one (1) pound product plus an aliphatic amine
 Decomposition: Reaction with peroxides may result in violent decomposition

11. Toxicological information

Oral LD₅₀ (rat): >2000 mg/kg

Corrosivity: Not corrosive

Sensitization: Skin

Carcinogenicity: No components are listed by IARC, NTP, or OSHA

Neurological effects: None known

Genetic effects: None known

Reproductive effects: None known

Developmental effects: None known

Target organs: Skin

Reproductive data (RTECS): None

12. Ecological information

Bisphenol A Based Epoxy Resin, CAS# 25085-99-8: LC₅₀ (Flathead minnow): 3.1 mg/L

Persistence and degradability: This material shows little or no evidence of biodegradability. Caution should be taken prevent release to the environment.

13. Disposal considerations

Dispose in accordance with all applicable federal, state, and local environmental regulations. Recycling or reclamation should be considered.

Resource Conservation and Recovery Act (RCRA) regulations as found in 40 CFR 261: Not regulated

Information applies to the material as manufactured. Processing, use, or contamination may make the information inappropriate, inaccurate, or incomplete.

14. Transport information

Proper shipping name: Liquid plastic, NOS

Hazard Class: Not regulated

ID Number: Not regulated

Packing Group: Not regulated

Marine pollutant: Not listed by 49CFR 172.101

15. Regulatory information

OSHA: This material is classified as hazardous under OSHA regulations

TSCA: 25085-99-8 is listed on the TSCA 8(b) inventory

CERCLA Hazardous Substances List 40 CFR 302: None

SARA Title III Section 301 Extremely Hazardous Substances: None

SARA Title III Sections 311/312 Hazard Categories:

Acute: Yes

Chronic: Yes

Fire: No

Reactive: No

Sudden release of pressure: No

Toxic Chemicals List 40 CFR 372.65: None

RCRA Hazardous Waste Codes 40 CFR 261.24, 261.33: None

WHMIS: This material has been classified in accordance with the hazard criteria of the Controlled Product Regulations and is considered a D2A/2B Controlled Product. The SDS has been prepared in compliance with the CPR. Ingredients that are required to be reported under the WHMIS IDL are : None

DSL: 25085-99-8 is listed

EINECS: All components are listed or are exempt from listing

California: This product has been evaluated and does not require a warning under Proposition 65

16. Other information

ACGIH: American Conference of Governmental Industrial Hygienists

ACGIH TLV: ACGIH Threshold Limit Values

CAS: Chemical Abstract Service

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

CFR: Code of Federal Regulations

CNS: Central Nervous System

CPR: Controlled Product Regulations

DSL: Domestic Substances List

EINECS: European Inventory of Existing Commercial Chemical Substances

IARC: International Agency for Research on Cancer

IDL: Ingredient Disclosure List

mg/kg: milligrams per kilogram

mg/L: milligrams per liter
mg/m³: milligrams of substance per cubic meter of air
NIOSH: National Institute of Occupational Safety and Health
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
OSHA PEL: OSHA Permissible Exposure Limits
ppm: parts per million
RCRA: Resource Conservation and Recovery Act
RTECS: Registry of Toxic Effects of Chemical Substances
SARA: Superfund Amendments and Reauthorization Act
TSCA: Toxic Substances Control Act
TWA: Time Weighted Average
WHMIS: Workplace Hazardous Materials Information System

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