

MATERIAL SAFETY DATA SHEET

Epoxy Resin

Section 1: Identification

Chemical Name:	Bisphenol A, Epichlorohydrin; Phenol, 4,4'-(1-methylethylidene) bis-polymer with (chloromethyl)oxirane
Chemical Family:	Epoxy Resin
Company Identification: (INDIA)	Veritas House, 70 Mint Road, Fort, Mumbai - 400 001. INDIA
For information in the INDIA, call:	Tel: +91 - 22 - 2275 5555 / 6184 0000, Fax: +91 - 22 - 2275 5556 / 6184 0001

Section 2 Composition

CAS #. :	25068-38-6 99.9+% Bisphenyl A, Epichlorohydrin
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Section 3: Hazard Identification

Emergency overview:	This material may be irritating upon contact.
Physical Health Hazards	Irritant
Routes of exposure	Eye, ingestion, skin contact
Signs and Symptoms of Acute Exposure	Not known

Section 4: First Aid Measures

Take proper precautions to ensure your own health and safety before attempting to rescue and providing first aid. These practices include avoiding all unnecessary exposure and removal of the material from eye, skin, and clothing.

Skin contact	Wash affected area with copious amounts of water
Inhalation	Remove to fresh air. Give oxygen or artificial respiration, as needed
Eye contact	Flush eyes with water for at least 15 minutes
Ingestion	Drink 1 or 2 glasses of water. Call physician. Seek medical treatment if symptoms persist
Chronic Health Effects Summary	No known chronic health effects
Conditions Aggravated by Exposure	No known conditions are aggravated by this material

Section 5: Fire Fighting Measures

Flash Point	> 138 °C
Auto-Ignition Temperature	Not known
Flammable Limits	Lower: Not applicable Upper: Not applicable
Hazardous Combustion/Decomposition Products	Carbon monoxide or carbon dioxide may be formed
Extinguishing Media	Water spray, foam, dry powder or carbon dioxide. Do not use straight streams of water.
Fire Fighting Instructions	Protective Equipment/Clothing: Wear a NIOSH approved positive pressure self-contained breathing apparatus and firefighter turnout gear. Remove non-

emergency personnel from the area

Section 6: Accidental Release Measures

Release response: Absorb with vermiculite, dry sand or earth. Pick up absorbed materials and store in closed, labeled container for disposal. Prevent run-off or release into sewers or ground water.

Section 7: Handling and Storage

Handling: Use only with adequate mechanical ventilation. Use impervious gloves, safety goggles. If respiratory protections are needed, use an approved chemical respirator. Wear protective clothing. A safety shower and eye wash should be available in the work place.

Storage: Store in tightly closed container in cool, well ventilated area.

Section 8: Exposure Controls and Personal Protection

Engineering Controls	Use only with adequate mechanical ventilation
Personal Protection	
Inhalation	Use appropriate respiratory protection where needed
Skin	Protective clothing such as long sleeves or a lab coat should be worn
Eye	Always use safety goggles, even for work with small quantities

Section 9: Physical and Chemical Properties

Boiling Point/Range	> 200 ° C
pH	Not applicable
Vapor Pressure	Not applicable
Viscosity	See specifications
Specific Gravity (Water = 1)	1.13
Water solubility	80%
Melting/Freezing Point	Not applicable, resin not crystalline
Evaporation Rate	Not applicable

Section 10: Stability and Reactivity

Chemical Stability	The product is stable and does not under go a hazardous polymerization
Conditions to Avoid	Avoid contact with excessive heat, sparks or open flame
Incompatibility with	Alkalies, strong acids, strong bases, some metallic salts
Hazardous Products of Deposition	Carbon dioxide, carbon monoxide

Section 11: Toxicological Information

Summary: This material may be an irritant on skin contact, be harmful if swallowed or inhaled, and a sensitizer on skin contact.

Skin Effects	May be irritating on contact
Acute Oral Effects	Harmful if ingested
Acute Inhalation Effects	Harmful if inhaled
CAS#	25068-38-6
Dermal LD50	20gm/kg rabbit
Oral LD50	11.4 gm/kg, rat
Chronic Effects/Carcinogenicity	CAS# 25068-38-6 is not listed by OSHA, IARC, NTP or CA Prop 65
Reproductive/Development Effects	No reproductive or developmental effects

are known

Section 12: Ecological Information

Ecotoxicity: European Union: Dangerous to the environment - may cause long term adverse aquatic effects.

Section 13: Disposal Considerations

Dispose of in accordance with all applicable local, state, and federal laws and regulations. Consult your appropriate regulatory officials for information on such disposal

Section 14: Transport Information

DOT Hazard Class:	9
UN/NA ID:	3082
Packing Group:	III
Labels:	Not Regulated
Marine Pollutant:	No
European Union:	Environmentally hazardous substance, Liquid, Epoxy Resin Number Average MW<700.
DOT Status:	Not Regulated

Section 15: Regulatory Information

TSCA:	This product is listed on the TSCA 8(b) inventory. If identified components of this product are listed under the TSCA 12(b) Export Notification Rule, they will be listed below.
TSCA 12(b) :	Component Listed under TSCA Section
DSL:	This product is listed on the DSL
EINECS:	This product is not listed on EINECS.

Section 16 - Other Information

MSDS Creation Date:	July 22, 2015
Revision #0 Date	

The Information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.