

SAFETY DATA SHEET



Date Prepared : 02/27/2014

SDS No : 135369

Date Revised : 06/17/2016

Revision No : 1

Table Top Epoxy UV Stable Resin

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Table Top Epoxy UV Stable Resin

PRODUCT CODE: 135369

MANUFACTURER

Fiberglass Coatings Inc.

4301A 34th Street North

St. Petersburg, FL 33714

Customer Service: (800) 272-7890

E-Mail: www.fgci.com

Emergency Contact: Chem-Tel

Emergency Phone: (800) 255-3924

24 HR. EMERGENCY TELEPHONE NUMBERS

Chem-Tel (800) 255-3924

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Irritation, Category 2

Eye Irritation, Category 2A

Skin Sensitization, Category 1B

Environmental:

Acute Hazards to the Aquatic Environment, Category 2

Chronic Hazards to the Aquatic Environment, Category 2

GHS LABEL



Exclamation
mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H319: Causes serious eye irritation.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H410: Very toxic to aquatic life with long lasting effects.

H302: Harmful if swallowed.

PRECAUTIONARY STATEMENT(S)

Prevention:

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash skin thoroughly after handling.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

Response:

P302+P352: IF ON SKIN: Wash with plenty of water/...

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P362: Take off contaminated clothing.

P391: Collect spillage.

Storage:

P403: Store in a well-ventilated place.

P233+P235: Keep container tightly closed at a cool to ambient temperature.

Disposal:

1048ZK1E: Dispose of product and container according to Federal, State and local regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Transparent Blue Liquid.

IMMEDIATE CONCERNS: No data available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Bisphenol A-epichlorohydrin copolymer	≤ 100	25068-38-6
Non Hazardous Fillers	< 1	XXXXXX

4. FIRST AID MEASURES

EYES: Flush eyes with water for at least 15 minutes, holding eyelids open. Remove contact lenses if present and easy to do so. Seek immediate medical attention.

SKIN: Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

INGESTION: First aid not normally required. If symptoms develop, seek medical attention.

INHALATION: If signs and symptoms develop, remove person to fresh air. If signs or symptoms persist, obtain medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: May be combustible at high temperature.

EXTINGUISHING MEDIA: Water fog or fine spray, Dry Chemical, CO₂, or Foam, use an extinguishing media suitable to any surrounding fire.

FIRE FIGHTING PROCEDURES: Evacuate any non-essential personnel. Extinguish all ignition sources if safe to do so. Use water to cool exposed containers and structures until fire is out. Avoid spreading burning material with water used for cooling purposes.

FIRE FIGHTING EQUIPMENT: Full Bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus (SCBA).

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Dike and contain. Contain run-off and dispose of properly. Remove contaminated soil to remove contaminated trace residues. Absorb with material such as sand, or polypropylene or polyethylene fiber products. Collect in suitable and properly label containers. Remove residual using hot soapy water. Residual can be removed with solvent. Solvents are not recommended for clean-up unless recommended exposure guidelines and safe handling practices for the specific solvent are followed. Consult appropriate solvent MSDS for handling instructions.

LARGE SPILL: Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not allow spill to enter drains, sewers or waterways.

GENERAL PROCEDURES: Always ensure proper ventilation from any spill. Respirators or SCBA are required if permissible exposure limits are exceeded due to inadequate general ventilation. All spills should be contained as best as possible. All chemical spills should be assumed to be hazardous to the environment to ensure safety.

SPECIAL PROTECTIVE EQUIPMENT: See Section 8 personal protection. Persons not wearing proper personal protection should be excluded from the spill area until clean-up is completed.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with skin, eyes and clothing.

HANDLING: Keep away from heat.

STORAGE: Storage is best between 70 and 85 F, in the original container. Product may yellow upon long term storage and at elevated temperatures.

STORAGE TEMPERATURE: 2°C (36°F) Minimum to 43°C (109°F) Maximum

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m ³
Bisphenol A-epichlorohydrin copolymer	OSHA PEL	TWA	N/E [1]	[1]
	ACGIH TLV	TWA	N/E	

Footnotes:
1. N/E = Not Established

ENGINEERING CONTROLS: Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits (PEL/TLV). Any installed emergency eye wash station or safety showers should be located near the work area.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical splash goggles and/or face shield. Always use proper eye protection around the work area.

SKIN: Wear impermeable gloves. Clothing should limit skin exposure. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product. Maintain eyewash and shower station near work area in case of exposure.

RESPIRATORY: Vapor respirator may be required if exposure limits are exceeded. Use a NIOSH approved respirator or

equivalent when required. Proper mechanical ventilation should be installed to ensure the exposure levels are below the allowable thresholds (PEL/TLV).

WORK HYGIENIC PRACTICES: Never eat or drink in areas where the chemical is being used. Wash hands after handling to limit exposure.

COMMENTS: (Possible Longer Term Effects): Repeated and/or prolonged exposure may cause skin sensitization, repeated exposures to low molecular weight epoxy resins of this type are not anticipated to cause any significant adverse effects. Many studies have been conducted to assess the potential carcinogenicity of diglycidyl ether of Bisphenol A (DGEBA). Although some weak evidence of carcinogenicity has been reported in animals, when all of the data are considered, the weight of the evidence does not show that DGEBA is carcinogenic. Indeed, the most recent review of the available data by the International Agency for Research on Cancer (IARC) has concluded that DGEBA is not classified as a carcinogen. DGEBA did not cause birth defects or other adverse effects on the fetus when pregnant rabbits were exposed by skin contact, the most likely route of exposure, or when pregnant rats or rabbits were exposed orally. In animal studies, this product has not been shown to interfere with reproduction.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid.

ODOR: Odorless.

ODOR THRESHOLD: No data available.

APPEARANCE: Transparent

COLOR: Blue

pH: No data available.

PERCENT VOLATILE: No data available.

FLASH POINT AND METHOD: > 264°C (507°F) to 268°C (514°F) Closed Cup at 102.89hPa EC Method A9

FLAMMABLE LIMITS: No data available.

AUTOIGNITION TEMPERATURE: No data available.

VAPOR PRESSURE: No data available.

VAPOR DENSITY: No data available.

BOILING POINT: 320°C (608°F) Differential Scanning Calorimetry(DSC) Decomposition.

MELTING POINT: No data available.

THERMAL DECOMPOSITION: No data available.

SOLUBILITY IN WATER: 5.4 to 8.4 mg/L at 20°C (68°F)

EVAPORATION RATE: No data available.

DENSITY: 1.12 - 1.16 g/cm³

SPECIFIC GRAVITY: 1.16 (Water = 1) at 20°C (68°F)

VISCOSITY #1: 11000 to 14000 mPa*s at 25°C

(VOC): No data available.

WEIGHT PER VOLUME: No data available.

10. STABILITY AND REACTIVITY

REACTIVITY: No data available.

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: This product is stable under normal conditions of storage and use.

CONDITIONS TO AVOID: Avoid all unplanned contact with strong reactive chemicals including Acids, Bases, Oxidizers and Amines

HAZARDOUS DECOMPOSITION PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced

INCOMPATIBLE MATERIALS: Avoid all unplanned contact with strong reactive chemicals, Acids, Bases, Aliphatic Amines, and Oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)
Bisphenol A-epichlorohydrin copolymer	> 5000 mg / kg (Rat)	> 20000 mg / kg (Rabbit)

DERMAL LD₅₀: 23000 mg/kg (Rabbit)

Notes: Prolonged skin contact is unlikely to result in absorption of harmful amounts.

ORAL LD₅₀: > 15000 mg/kg (Rat)

Notes: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

INHALATION LC₅₀: Acute Inhalation Toxicity - At room temperature, exposure to vapors is minimal due to low volatility. Vapor from heated material, mist or aerosols may cause respiratory irritation. The LC₅₀ has not been determined.

SKIN CORROSION/IRRITATION: Prolonged / repeated skin contact may cause skin irritation with local redness.

SERIOUS EYE DAMAGE/IRRITATION: May cause eye irritation. Corneal injury is unlikely.

RESPIRATORY OR SKIN SENSITISATION: Dermal sensitization to this product or component has been seen in some humans. The results of a test on guinea pigs showed this substance to be a weak skin sensitizer. Sensitization has occurred in laboratory animals after repeated exposures.

CARCINOGENICITY

NOTES: Not considered carcinogenic by OSHA, NTP, or IARC.

REPRODUCTIVE TOXICITY: In animals studies, did not interfere with reproduction.

STOT-SINGLE EXPOSURE: Evaluation of available data suggests that the material is not an STOT-SE toxicant.

STOT-REPEATED EXPOSURE: Except for skin sensitization, repeated exposures to low molecular weight epoxy resins of this type are not anticipated to cause any significant adverse effects.

ASPIRATION HAZARD: Based on physical properties, not likely to be an aspiration hazard.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Based on stringent OECD test guidelines this material cannot be considered as readily biodegradable: however these results do not mean that the material is not biodegradable under environmental conditions.

ECOTOXICOLOGICAL INFORMATION: Do NOT discharge into sewers or waterways.

AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: 2 mg/L (Oncorhynchus mykiss)

48-HOUR EC₅₀: 1.8 mg/L (Daphnia Magna)

96-HOUR EC₅₀: 11 mg/L (Algae)

Notes: Material is a Marine Pollutant.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal should be in accordance with all Federal, State, and local regulations. Empty containers may still be considered dangerous due to residual vapors/liquid/dust.

FOR LARGE SPILLS: Construct dikes to prevent entrance of chemical into sewers or waterways. Refer to section 6 and contact relevant environmental authorities.

PRODUCT DISPOSAL: Incinerate or dispose of in a licensed facility. Do not discharge substance/product into sewer system.

EMPTY CONTAINER: Empty containers as defined under 40 CFR 261.7 or other applicable State or provincial regulations or transportation regulations are not classified as hazardous waste.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated for transport

AIR (ICAO/IATA)

SHIPPING NAME: Environmentally hazardous substance, liquid, n.o.s. (Epoxy Resin)

UN/NA NUMBER: 3082

PRIMARY HAZARD CLASS/DIVISION: 9

PACKING GROUP: III

VESSEL (IMO/IMDG)

SHIPPING NAME: Environmentally hazardous substance, liquid, n.o.s. (Epoxy Resin)

UN/NA NUMBER: 3082

PACKING GROUP: III

EmS: F-A, S-F

MARINE POLLUTANT #1: Listed.

COMMENTS: This information is not intended to convey all specific regulatory or operation requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Acute Health Hazard

FIRE: Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

313 REPORTABLE INGREDIENTS: Differential Scanning Calorimetry(DSC) Decomposition.

TITLE III NOTES: Components meeting the requirements are listed.

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: None required

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Differential Scanning Calorimetry(DSC) Decomposition.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: Listed on the United States TSCA inventory.

TSCA STATUS: All Components listed.

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: This product is a "Hazardous Chemical " as defined by the OSHA hazardous Communication Standard 29 CFR 1910.1200.

CALIFORNIA PROPOSITION 65: This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Class D-2B: Toxic material causing other toxic effects.

16. OTHER INFORMATION

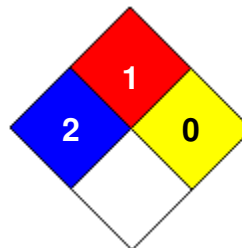
PREPARED BY: BC **Date Revised:** 06/17/2016

REVISION SUMMARY: This MSDS replaces the 02/27/2014 MSDS.

HMIS RATING

HEALTH	*	2
FLAMMABILITY		1
PHYSICAL HAZARD		0
PERSONAL PROTECTION		

NFPA CODES



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