

SAFETY DATA SHEET



Date Prepared : 11/15/2013

SDS No : 125331

Date Revised : 10/02/2015

Revision No : 5

Table Top Epoxy, Crystal Clear, Curing Agent

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Table Top Epoxy, Crystal Clear, Curing Agent

GENERAL USE: Curing Agent for Epoxy Resin Systems

PRODUCT DESCRIPTION: Amine Type Epoxy Curing Agent

PRODUCT CODE: 125331

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:

Aspiration Hazard, Category 2

Eye Corrosion, Category 2

Skin Corrosion, Category 3

Skin Irritation, Category 2

Environmental:

Toxic to marine life with long lasting effects

GHS LABEL



Exclamation
mark



Environment

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H320: Causes eye irritation.

H315: Causes skin irritation.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H412: Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENT(S)

Prevention:

P280: Wear protective gloves/protective clothing/eye protection/face protection.
 0940P7NL: Wash skin thoroughly after use
 P261: Avoid breathing fumes, dust, vapors, gases or spray.
 P262: Do not get in eyes, on skin, or on clothing.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage:

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

IMMEDIATE CONCERNS: Causes eye and skin damage. Causes respiratory tract irritation. May be harmful if swallowed. May cause target organ damage based on animal data.

POTENTIAL HEALTH EFFECTS

EYES: Can cause eye irritation. Symptoms include: stinging, tearing, redness, and swelling of the eyes.

SKIN: Can cause skin irritation. Symptoms may include redness, burning, drying and cracking of the skin, burns and other skin damage.

INGESTION: May be harmful or fatal if swallowed. Liquid may enter the lungs when swallowed or vomited, possibly causing serious lung damage.

INHALATION: Inhalation may cause respiratory tract irritation. Aspiration can cause significant lung damage.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
4-nonylphenol, Branched	53 - 58	84852-15-3
Polyoxypropylenediamine	30 - 35	9046-10-0
Proprietary Amine	10	XXXXXX

COMMENTS: The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush eyes for at least 15 minutes, holding eyelids open. Do not use eye ointment. If easily accomplished, check for and remove contact lenses. If contact lenses cannot be removed, seek immediate medical attention.

SKIN: Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

INGESTION: Aspiration hazard. If swallowed, Do NOT induce vomiting. If vomiting occurs, keep head below hips to prevent

aspiration into lungs. Rinse mouth with water. Never give anything by mouth to an unconscious person. Call a physician immediately.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

NOTES TO PHYSICIAN: Treat symptomatically. May require supportive therapy as needed. Severe exposure should be followed by at least 48 hour monitoring.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not categorized as Flammable by GHS standards. However, can still be ignited by external sources above flash point.

EXTINGUISHING MEDIA: Use dry chemical, CO₂, or foam

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides (CO₂, CO), and Nitrogen Oxides

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: Extinguish all nearby ignition sources. Stop leak if it can be done safely. Prevent from entering waterways and sewers. Absorb with non-combustible material and transfer into appropriate disposal container using non-sparking tools.

LARGE SPILL: Use a shovel to put the material in to a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not flush with water. Do not flush into surface water. Water pollutant. Water runoff can cause environmental damage.

7. HANDLING AND STORAGE

HANDLING: Pouring and mixing of this material can generate static electrical sparking and the possibility of ignition. Drums should be properly electrically grounded when working with this product. Eliminate all other ignition sources as product vapors can move with air currents or settle to low areas on the ground. Avoid breathing dust, vapor, or mist. Avoid contact with skin or clothing. Avoid contact with eyes. Use only with adequate ventilation/personal protection. Wash thoroughly after handling. Keep container closed when not in use.

STORAGE: Store in a cool, dry, well-ventilated area, away from incompatible materials. Keep container closed when not being used.

SPECIAL SENSITIVITY: Avoid storage in direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
4-nonylphenol, Branched	TWA	N/E [1]	[1]	N/E	
Polyoxypropylenediamine	TWA	N/E [1]	[1]	N/E	
Proprietary Amine	TWA	N/E [1]	[1]	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).

PROTECTIVE CLOTHING: Clothing should be applicable for the job at hand to protect the skin from repeated exposure to the material.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid.

ODOR: Phenolic odor.

APPEARANCE: Viscous clear to yellow liquid.

FLASH POINT AND METHOD: < 154°C (310°F) Closed Cup

FLAMMABLE LIMITS: N/A Not Applicable

VAPOR PRESSURE: < 1 mm Hg @ 20 C

VAPOR DENSITY: > 1 (Air =1)

BOILING POINT: > 200°C (390°F)

SOLUBILITY IN WATER: Slightly soluble

DENSITY: 7.95 pounds / Gal. at 20°C

SPECIFIC GRAVITY: 0.95 (Water = 1)

(VOC): Zero

10. STABILITY AND REACTIVITY

REACTIVITY: Yes

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid contact with incompatible materials and ignition sources / heat.

POSSIBILITY OF HAZARDOUS REACTIONS: Large Masses mixed with Epoxy resins can polymerize hazardously and be quite exothermic generating enough heat to self boil and potentially catch fire.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition can form oxides of Carbon and Nitrogen, and Ammonia gas

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

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
4-nonylphenol, Branched	1412 mg / kg (oral Rat)	2031 mg / kg (dermal Rabbit)	
Polyoxypropylenediamine	2855.3 mg / kg (Rat)	2979.7 mg / kg	> 0.74 mg/L (8h)

DERMAL LD₅₀: > 2000 mg/kg (Rabbit)

Notes: (nonylphenol)

ORAL LD₅₀: > 1246 mg/kg (Rat)

INHALATION LC₅₀: 310 mg/l (Rat) (4h)

Notes: (phenol)

EYE EFFECTS: Severe Eye irritant.

SKIN EFFECTS: Corrosive to the skin.

REPRODUCTIVE EFFECTS: Suspected of damaging fertility or the unborn child

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Considered very toxic to aquatic organism, may cause long-term adverse effects in the aquatic environment. Not readily biodegradable. Shows high bioaccumulation potential. Water polluting material. May be harmful to the environment if released in large quantities.

BIOACCUMULATION/ACCUMULATION: Considered high bioaccumulation potential.

AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: 0.31 mg/L (Sheepshead minnow)

48-HOUR EC₅₀: 0.14 mg/L (Daphnia Magna)

96-HOUR EC₅₀: 1.3 mg/L (Algae)

Notes: Material is a Marine Pollutant.

GENERAL COMMENTS: Ecotoxicity values for nonylphenol

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.

PRODUCT DISPOSAL: Material is toxic to aquatic life. Do not pour product into drains or waterways.

EMPTY CONTAINER: Empty containers may contain product residue. Follow warning labels even after container has been emptied.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Amines, Liquid, Corrosive, n.o.s. (Polyetheramine, Nonylphenol)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: 2735

PACKING GROUP: III

NAERG: 153

PLACARDS: Corrosive, Environmental

MARINE POLLUTANT #1: Nonylphenol

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Amines, Liquid, Corrosive, n.o.s. (Polyetheramine, Nonylphenol)

UN NUMBER: 2735

HAZARD CLASS: 8

PACKING GROUP: III

VESSEL (IMO/IMDG)

SHIPPING NAME: Amines, Liquid, Corrosive, n.o.s. (Polyetheramine, Nonylphenol)

UN/NA NUMBER: UN 2735

PRIMARY HAZARD CLASS/DIVISION: 8

PACKING GROUP: III

MARINE POLLUTANT #1: Nonylphenol

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive



Marine
Pollutant

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Immediate (acute) Health Hazard, Chronic (Delayed) Health Hazard.

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

313 REPORTABLE INGREDIENTS: Not Listed.

TITLE III NOTES: Components meeting the requirements are listed.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not Listed.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: TSCA 8b

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.

CLEAN WATER ACT: This product does not contain nor is it manufactured with ozone depleting substances.

CARCINOGEN: None known.

CANADA

WHMIS CLASS: Class E Corrosive Material

CANADIAN ENVIRONMENTAL PROTECTION ACT: All components are listed.

DOMESTIC SUBSTANCE LIST (INVENTORY): All components are listed.

16. OTHER INFORMATION

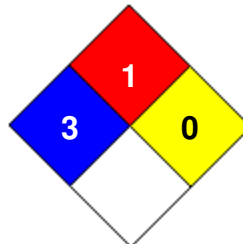
PREPARED BY: Fiberglass Coatings, Inc. (GS) **Date Revised:** 10/02/2015

REVISION SUMMARY: This MSDS replaces the 10/02/2015 MSDS.

HMIS RATING

HEALTH	*	3
FLAMMABILITY		1
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

NFPA CODES



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