

**MATERIAL SAFETY DATA SHEET**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for requirements.

**Company Identification:** Fiberglass Coatings, Inc.  
Emergency Telephone Number: Chem-Tel: 800-255-3924

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Date Prepared: 02/07 Prepared By: RD

<b>SECTION 1:</b>	<b>MATERIAL IDENTIFICATION</b>		
Product Identity:	Water Borne Primer Sealer Resin WB 116 A		
Shipping Name:	Not DOT regulated	HMIS code Health 1, Fire 0, Reactivity 0	
Common Name:	Water base epoxy resin solution		
Intended Use:	Coating		
<b>SECTION 2:</b>	<b>COMPOSITION</b>		
	/ <u>CAS NO.</u> / <u>PERCENT</u> / <u>OSHA PEL</u> / <u>ACGIH TL</u>		
Components:	Bisphenol A Epichlorohydrin based Epoxy resin CAS 25068-38-6	< 20%	N/E N/E
	Proprietary Water base resin Epoxy resin	< 30 %	N/E N/E
	Water and other non Hazardous additives	50 to 60 %	N/A N/A
	Propylene Glycol Mono Ethyl Ether	< 4%	100 ppm 100 ppm
	(All of the above components are contained in the TSCA chemical inventory.)		
<b>SECTION 3:</b>	<b>EMERGENCY OVERVIEW</b>		
Emergency Overview:	Clear viscous liquid which will not burn, prolonged exposure may cause skin irritation but is not an immediate health hazard during emergencies.		
<b>SECTION 4:</b>	<b>PHYSICAL / CHEMICAL CHARACTERISTICS</b>		
Boiling Point:	N/A	Specific Gravity (Water = 1):	1.05
Vapor Pressure (mm Hg):	<1	Melting Point:	N/A
Vapor Density (Air = 1):	>1	Evaporation Rate: (Butyl Acetate = 1)	N/A
Solubility in Water:	Complete	Appearance and Odor:	Clear syrup, slight odor
<b>SECTION 5:</b>	<b>FIRE AND EXPLOSION HAZARD DATA</b>		
Flash Point & Method Used:	N/A Water base	Extinguishing Media:	Water, Foam, CO2, Dry chemical
Flammable Limits: (LEL & UEL)	LEL Unknown	UEL Unknown	Autoignition Temp. Unknown
Special Fire Fighting Procedures:	Material will not burn, remove all unprotected personnel, enter any confined space fire only with full bunker gear including a positive pressure NIOSH approved mask. Smoke will consist mostly of CO2, CO, mixed hydrocarbon gases, including phenolics.		
Unusual Fire and Explosion Hazards:	The pyrolytic (burning) decomposition products of this resin should be treated as potentially hazardous substances and appropriate precautions taken.		

<b>SECTION 6:</b>	<b>REACTIVITY DATA</b>
Stability:	(Stable or Unstable) Stable at all environmental temperatures.
Incompatible With:	Strong Acids, Strong bases, especially primary and secondary amines.
Hazardous Polymerization:	(May or Will Not Occur) May occur after contact with strong acids, bases, primary and secondary amines and at elevated temperatures.
Conditions to Avoid:	Temperatures over 200° F, and contact with other reactive substances, contact of large quantities of resin with primary and secondary amines may cause a runaway exothermic reaction.
<b>SECTION 7:</b>	<b>HEALTH HAZARD DATA</b>
Inhalation:	Low danger, use positive pressure ventilation in confined spaces.
Eye Contact:	Will cause eye irritation, flush with water and seek proper medical attention.
Skin Contact:	Moderate skin irritant which may cause sensitization, avoid prolonged exposure, wash affected area thoroughly with soap and water.
Ingestion:	If ingested give large quantities of water and seek prompt medical attention.
Signs and Symptoms of Exposure:	Light headedness, skin rash, or eye irritation.
Carcinogenicity Class:	No known carcinogenic properties.
<b>SECTION 8:</b>	<b>FIRST AID MEASURES</b>
Inhalation:	Remove to fresh air, oxygen may be administered by proper authorities.
Eye Contact:	Wash with fresh water, seek medical attention for any prolonged irritation.
Skin Contact:	Avoid excessive skin contact, wash frequently with soap and water.
Ingestion:	Water may be given, seek prompt medical attention.
Over Exposure:	Treat for symptoms, no known chronic health hazards other than skin sensitization to this same material.
<b>SECTION 9:</b>	<b>HANDLING AND STORAGE</b>
Spill Management:	Contain any large spill with dams of rags or other absorbent materials, return as much material as possible to the original container. Take up any remaining material with absorbent materials rags, paper, or other commercial absorbent materials.
Waste Disposal:	Dispose of all unusable material and contaminated clean up materials in accordance with all federal, state, and local regulations.
Handling:	Standard drum type handling.
Storage:	May store at any environmental air temperature, but cool temperatures are preferable.
Other Precautions:	N/A
Respirator (Specific Type):	Activated carbon or positive pressure device necessary in confined spaces and during any large spill clean up.
Protective Clothing:	Rubber or latex gloves, dispose of any contaminated clothing.
Eye Protection:	Standard eye protection is required.
Ventilation:	Good ventilation is necessary, especially after mixing with an amine curing agent.
Work / Hygienic Practices:	Good general work place hygiene is required especially in regard to ventilation, repeated skin exposure, and eye contact.

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<b>SECTION 1:</b>	<b>MATERIAL IDENTIFICATION</b>			
Product Identity:	Water Borne Primer Sealer Activator			
Shipping Name:	Resin Compound Not DOT regulated			
Common Name	Water Borne Amine type Epoxy Curing Agent			
Intended use	Coating			
	HMIS code; Health 2, Fire 0, Reactivity 0			
<b>SECTION 2:</b>	<b>COMPOSITION</b>			
		/ CAS NO. /	PERCENT /	OSHA PEL / ACGIH STEL
Components:	Proprietary Resin	Trade Secret	30 % to 40 %	N/E N/E
	Water	7732-18-5	60 % to 70 %	N/A N/A
	Non Hazardous additives		< 2%	N/A N/A
	(All of the above components are contained in the TSCA chemical inventory.)			
<b>SECTION 3:</b>	<b>EMERGENCY OVERVIEW</b>			
Emergency Overview:	Viscous Syrup which will burn only if highly preheated giving off hazardous smoke which may include CO, CO <sub>2</sub> , mixed hydrocarbons, Nitrogen Oxide gases and Ammonia gas. Concentrated fumes may be irritating to the lungs, exposure of the material to the skin or eyes will cause irritation and possible permanent damage.			
<b>SECTION 4:</b>	<b>PHYSICAL / CHEMICAL CHARACTERISTICS</b>			
Boiling Point:	> 100° C (212° F)	Specific Gravity (Water = 1):	1.02	
Vapor Pressure (mm Hg):	3 mm Hg @ 21° C	Melting Point:	N/A	
Vapor Density (Air = 1):	N/A	Evaporation Rate: (Butyl Acetate = 1)	N/A	
Solubility in Water:	Complete	Appearance and Odor:	Amber Syrup, Ammonia like odor	
Ph:	Alkaline			
<b>SECTION 5:</b>	<b>FIRE AND EXPLOSION HAZARD DATA</b>			
Flash Point & Method Used:	> 100° C (212° F) PMCC	Extinguishing Media:	Foam, water CO <sub>2</sub> , or dry chemical	
Flammable Limits: (LEL & UEL)	No data	Fire Class B type		
Special Fire Fighting Procedures:	Remove all unprotected personnel, enter any confined space fire only with full bunker gear including a positive pressure NIOSH approved mask. Smoke will consist mostly of CO <sub>2</sub> , CO, mixed hydrocarbon gasses, Nitrogen Oxides and Ammonia gas. Contact with this material will cause skin and eye irritation.			
Unusual Fire and Explosion Hazards:	The pyrolytic (burning) decomposition products of this resin should be treated as potentially hazardous substances and appropriate precautions taken.			

<b>SECTION 6:</b>	<b>REACTIVITY DATA</b>
Stability:	(Stable or Unstable) Stable at all environmental temperatures.
Incompatible With:	Strong Acids, Strong bases, especially nitric acid or nitrates, peroxides or reactive metals.
Hazardous Polymerization:	(May or Will Not Occur) May occur after contact with Epoxy resins.
Conditions to Avoid:	Temperatures over 177°C (350°F), and contact with other highly reactive substances.
<b>SECTION 7:</b>	<b>HEALTH HAZARD DATA</b>
Inhalation:	May cause respiratory tract distress and dryness.
Eye Contact:	Will cause eye irritation and damage, flush with water and seek proper medical attention.
Skin Contact:	Skin irritant which may cause rash or skin irritation, material may also be absorbed through the skin and cause nausea and headache, avoid prolonged exposure.
Ingestion:	Will be irritating to the digestive tract. Seek prompt medical attention.
Signs of exposure:	Skin rash, eye irritation, nausea, headache or difficulty breathing.
Carcinogenicity Class:	No known carcinogenic properties.
<b>SECTION 8:</b>	<b>FIRST AID MEASURES</b>
Inhalation:	Remove to fresh air, oxygen may be administered by proper authorities. If liquid material has been aspirated into the lungs seek immediate medical attention.
Eye Contact:	Wash with fresh water, seek prompt medical attention for any prolonged irritation.
Skin Contact:	Wash with soap and water, solvents may drive the chemical through the skin.
Ingestion:	Gastric suction or induced vomiting may be initiated by trained medical personnel, seek immediate medical attention. Avoid aspiration of vomit into the lungs.
Over Exposure:	Treat for symptoms, no known chronic health hazards other than sensitization to repeated exposure.
<b>SECTION 9:</b>	<b>HANDLING AND STORAGE</b>
Spill Management:	Contain any large spill with dams of rags or other absorbent materials, return as much material as possible to the original container. Take up any remaining material with absorbent materials rags, paper, or other commercial absorbent materials.
Waste Disposal:	Dispose of all unusable material and contaminated clean up materials in accordance with all federal, state, and local regulations.
Handling:	Standard drum type handling.
Storage:	May store at any environmental air temperature, but cool temperatures are preferable.
Other Precautions:	N/A
Respirator (Specific Type):	Supplied Air positive pressure devices are necessary in confined spaces and during any large spill clean up. For work or small spills use activated charcoal type mask.
Protective Clothing:	Butyl Rubber or latex gloves, dispose of any contaminated clothing.
Eye Protection:	Standard eye protection is required.
Ventilation:	Good ventilation is necessary.
Work / Hygienic Practices:	Good general work place hygiene is required especially in regard to ventilation, repeated skin exposure, and eye contact.

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