

Identity

Product: BIO-FIX 914 ABC Primer Epoxy Base - Blue

Chemical Name: Liquid Epoxy Resin mixture

CAS Number: N/A - mixture

Product Code: BF914-15050A

Chemical Family: Epoxy coating component

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**READ THIS MATERIAL SAFETY DATA SHEET BEFORE USING THIS PRODUCT –
ASK YOUR SUPERVISOR FOR ASSISTANCE IF YOU DO NOT UNDERSTAND ANY PART OF IT.**

Section I

Manufacturer <p style="text-align: center;">Thin Film Technology, Inc. P.O.Box 580669 Houston, TX 77258-0669 (713)910-6200</p>	Emergency Telephone Number (281)802-0723 Fax Number (713) 910-6210 Date Prepared 29DEC05 Preparer J. Longmore
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Section II—Hazardous Ingredients/Identity Information

Material	CAS Number	Contents % w/w	Hazard Data
Epoxy Resin Polymer (Trade Secret)		>90	PEL: Not Established TLV: Not Established
	90-72-2	<7	TWA: 5ppm 8hr.
Benzyl Alcohol	100-51-6	<20	TWA: 10ppm 8 hr.

***** DOES NOT CONTAIN CARCINOGENS *****

Section III—Physical/Chemical Characteristics

Appearance Yellow viscous viscous liquid Boiling Point N/A Vapor Pressure (mm Hg) N/A Vapor Density (AIR = 1) N/A % Volatiles by volume 0.5% max Solubility in Water Negligible	Odor Characteristic Mercaptan Specific Gravity (H2O = 1) 1.11 Density at 20 C: 9.3 lbs/gallon Melting Point N/A Freezing Point N/A Viscosity Honey-like
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Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used) >200 F TCC	Auto-Ignition Temperature N/A	Flammable Limits in Air N/A	LEL N/A	UEL N/A
Extinguishing Media	Water, Spray, Foam, or Dry Chemical			
Unusual Fire and Explosion Hazards	Generation of toxic products			
Special Fire Fighting Procedures	wear full protective equipment including self-contained breathing apparatus.			

Section V—Reactivity Data			
Stability	Stable	Hazardous Polymerization	Will not occur
Conditions to Avoid	Unsupervised mixing with epoxy resins such as BIO-FIX™ 914 base. Expect a significant exotherm within 5 - 10 minutes at 70 F. This exotherm may generate sufficient heat to be hazardous – avoid severe exotherm or “cook-off” of waste material by pouring over scrap surfaces in order to eliminate compact masses of material.		
Incompatibility (Materials to Avoid)	None known		
Hazardous Decomposition Products	CO, CO2, unspecified others.		

Section VI—Health Hazard Data		<i>Note: these are indications of hazards derived from individual ingredients in mixture</i>	
Skin Irritation	Irrit., possible sensitizer	Dermal Toxicity	Acute LD50 > 10.2g/Kg (rabbit)
Inhalation Toxicity	<0.1 mg/L air (rat)	Oral Toxicity	<2.6 g/Kg (rabbit)
DOT Corrosivity	Not corrosive	Eye Irritation	Irritant. Draize ~16.8/110 (rbt)
Carcinogenicity	Not	NTP?	N/A
IARC Monographs?	None	OSHA Regulated?	N/A
Signs and Symptoms of Exposure	Eye Contact	Irritating, possible sensitizer	
	Skin Contact	Irritating, possible sensitizer	
	Ingestion	Considered slightly toxic	
	Inhalation	Overexposure to mist or vapor may cause irritation of respiratory tract – unlikely in normal use at normal temperatures.	
Medical Conditions Generally Aggravated by Exposure	Prolonged or repeated exposure may cause an asthmatic reaction.		
Emergency and First Aid Procedures	Eye Contact	Immediately flush eyes with fresh water holding lids apart for 15 minutes, washing within one minute is essential to achieve maximum effectiveness. Call a physician.	
	Skin Contact	Remove from skin using soap and water before curing. Avoid using solvents on skin to remove contamination. Remove contaminated shoes and clothing. Call a physician if irritation is noted.	
	Ingestion	DO NOT induce vomiting! Prevent aspiration (breathing) liquid into lungs. Get medical attention.	
	Inhalation	Immediately move to fresh air. If breathing is difficult give oxygen. Call a physician.	

Section VII—Precautions for Safe Handling and Use	
Steps to Be Taken in Case Material Is Released or Spilled	Scrape or wipe up spilled material. Absorb residues with suitable inert absorbent material.
Waste Disposal Method	Place in container for recovery or disposal according to local, State or Federal regulations.
Precautions to Be Taken in Handling and Storing	Avoid contact with skin and eyes - wear recommended protective clothing.
Other Precautions	N/A

Section VIII— Control Measures	
Respiratory Protection	Brush or roller application at normal temperatures does not require respiratory protection unless conducted for extended periods in enclosed spaces with minimal ventilation.
Ventilation Requirements	Mechanical local exhaust at point of product application if conditions warrant.
Protective Gloves	Yes – use long sleeved impervious rubber or nitrile types.
Eye Protection	Chemical resistant goggles if eye contact possible.
Other Protective Clothing or Equipment	Impervious gloves, long sleeved shirts and coveralls as required to prevent skin contact. Discard contaminated gloves, footwear, etc.
Work/Hygienic Practices	Avoid contact with eyes, skin and clothes. Wash after handling and before: eating, drinking, smoking, or visiting bathroom. Store in a cool, dry area in closed containers.
Transportation	"Non-Regulated" by USDOT, IATA and IMO