

Epoxy.com
Material Safety Data Sheet
OSHA's Hazard Communication Standard,
29 CFR 1910.1200.

IDENTITY: Epoxy.com Product 670 "A" Component

SECTION I

Manufacturer:	Epoxy Systems, Inc.	Emergency Number:	1-800-633-8253
Address:	20774 W. Pennsylvania Ave. Dunnellon, FL 34431	Telephone Number:	(352) 489-1666
		Date Prepared:	6/2010

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u> <u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Hazard Limits</u>
Styrene Monomer	000100-42-5	100 ppm		
Vinyl Ester Resin	036425-16-8	N/D		
Titanium Dioxide	13463-67-7	10mg/m ³		

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 294° F	Specific Gravity (H₂O = 1): 1.5
Vapor Pressure (mm Hg.): 7 mm Hg	Melting Point: N/A
Vapor Density (AIR = 1): 3.6	Evaporation Rate: N/D
Solubility in Water: Insoluble	(Butyl Acetate = 1)
Appearance and Odor: Gray Liquid, styrene odor	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 70-80° F PMCC **Flammable Limits:** LEL N/D UEL N/D

Extinguishing Media: Foam, CO₂, dry chemical, water fog

Special Fire Fighting Procedures: Wear positive pressure self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Keep vapors away from ignition sources

SECTION V - REACTIVITY DATA

Stability: Unstable **Conditions to Avoid:** Avoid storage in direct sunlight & temperatures above 110° F

Incompatibility: Oxidizing material

Hazardous Decomposition or Byproducts: Carbon monoxide

Hazardous Polymerization: May Occur **Conditions to Avoid:** Avoid heat or sunlight

(OVER)

Epoxy.com System 670 "A" (cont)

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: **Inhalation?** Yes **Skin?** No **Ingestion?** No

Health Hazards (Acute and Chronic): Skin: May cause irritation Eyes: May be irritated by vapors

Carcinogenicity: NTP? Not Listed **IARC Monographs?** No **OSHA Regulated?** No

Signs and Symptoms of Exposure: Headache, nausea

Medical Conditions Generally Aggravated by Exposure: None known

Emergency and First Aid Procedures: Eyes: Flush with water for at least 15 minutes. Skin: Wash thoroughly with soap and water. Inhalation: Remove to fresh air

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Keep heat, flames and sparks away. Protect personnel from styrene vapors. Soak up spill in absorbent material such as sand and collect in suitable container .

Waste Disposal Method: Burn in adequate incinerators in accordance with Federal, State and Local regulations.

Precautions to Be Taken in Handling and Storing: Keep containers closed. Store in cool area

Other Precautions: Avoid breathing vapors and contact with skin and eyes.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic cartridge respirator

Ventilation: Mechanical (General) Positive ventilation required .

Protective Gloves: Rubber Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Clean long sleeved and long pant work clothes.

Work/Hygienic Practices: Follow practices of good industrial hygiene.

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IDENTITY: Epoxy.com Product 670 "B" Component

SECTION I

Manufacturer:	Epoxy Systems, Inc.	Emergency Number:	1-800-633-8253
Address:	20774 W. Pennsylvania Ave. Dunnellon, FL 34431	Telephone Number:	(352) 489-1666
		Date Prepared:	6/2010

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u> <u> %</u>	<u>OSHA PEL</u>	<u>ACHIH TLV</u>	<u>Hazard Limits</u>
Diethylene Triamine	14400		1 ppm	
Anhydrous Aluminum Silicate	2270890-3		30 mg/pcf	
Amorphouse Silicon Dioxide	112945-52-5		10 mg/m ³	
Tetraethylene Pentamine	112-57-2		1 ppm	
Tungsten Carbide			N/D	

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/D	Specific Gravity (H₂O = 1):	6.0
Vapor Pressure (mm Hg.):	N/D	Melting Point:	N/A
Vapor Density (AIR = 1):	N/D	Evaporation Rate:	N/D
Solubility in Water:	Slight	(Butyl Acetate = 1)	
Appearance and Odor:	Gray paste, amine odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 383° F PMCC **Flammable Limits: LEL** N/D **UEL** N/D

Extinguishing Media: Foam, CO₂, dry chemical

Special Fire Fighting Procedures: Wear positive pressure self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: None known

SECTION V - REACTIVITY DATA

Stability: Stable	Conditions to Avoid:
Incompatibility: Acids Bases	
Hazardous Decomposition or Byproducts: Nitrogen oxides when burned	
Hazardous Polymerization: Will Not Occur	Conditions to Avoid: None known

(OVER)

Epoxy.com Product #670 "B" cont

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: **Inhalation?** Yes **Skin?** Yes **Ingestion?** Yes

Health Hazards (*Acute and Chronic*): May cause severe injury to skin following prolonged or repeated contact. May cause allergic responses. Ingestion can cause burns of throat and mouth.

Carcinogenicity: NTP? N/D **IARC Monographs?** N/D **OSHA Regulated?** N/D

Signs and Symptoms of Exposure: Skin or eye irritation.

Medical Conditions Generally Aggravated by Exposure: Skin irritation.

Emergency and First Aid Procedures: Eyes: Flush with water for at least 15 minutes. Skin: Wash thoroughly with soap and water. Ingestion: Do not induce vomiting.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Contain spill. Broadcast absorbent material. Collect in suitable containers.

Waste Disposal Method: Incinerate in accordance with Federal, State, and Local regulations.

Precautions to Be Taken in Handling and Storing: Keep containers closed. Store in cool area.

Other Precautions: Avoid breathing vapors.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic respirators in enclosed areas.

Ventilation: Mechanical (General) Good general ventilation.

Protective Gloves: Rubber Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Clean long sleeved and long pant work clothes.

Work/Hygienic Practices: Follow practices of good industrial hygiene.