

Epoxy.com
20774 West Pennsylvania Ave
Dunnellon, FL 34431
Phone 352-489-1666

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

IDENTITY: Epoxy.com PRODUCT #20 "B" Comp.

SECTION I

Manufacturer: Epoxy Systems, Inc. **Emergency Number:** 800-663-8253
Address: 20774 West Pennsylvania Ave. **Telephone Number:** 352-489-1666
Dunnellon, FL 34431 **Date Prepared:** 12/2008

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u> <u>%</u>	<u>OSHA PEL</u>	<u>ACIH TLV</u>	<u>Hazard Limits</u>
Aliphatic Mercaptan		N/D		
Polymercaptan		N/D		
Wollastonite	13463-67-7		10mg/m ³	
Silicon Dioxide	112945-52-5		10mg/m ³	

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/D **Specific Gravity (H₂O =1):** 1.7
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: Black paste, strong skunk-like odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): > 200 F **Flammable Limits:** N/D **LEL** **UEL**
Extinguishing Media: Water spray, dry chemical, CO₂
Special Fire Fighting Procedures: Protective clothing and self-contained respiratory protection should be worn
Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability: Stable **Conditions to Avoid:** Avoid contact w/strong, oxidants, epoxy resins and amine mixtures, especially when hot
Incompatibility: Contact with large masses of epoxy resins generates large quantities of heat due to exothermic reaction
Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide, oxides of nitrogen and sulfur on burning
Hazardous Polymerization: Will not occur **Conditions to Avoid:**

(OVER)

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (Acute and Chronic): Mild irritant, index 1.6/8 (rabbit) moderate eye irritant, index 27/100 (rabbit)

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

Signs and Symptoms of Exposure: Irritation of skin, eyes, and respiratory tract; slight narcotic effect

Medical Conditions Generally Aggravated by Exposure: May cause lung injury and chemical pneumonia, irritation of respiratory tract, possible allergen, slightly toxic.

Emergency and First Aid Procedures: Flush with large amounts of water for 15 minutes, wash skin with soap and water; remove contaminated clothing; seek fresh air source or have qualified personnel administer oxygen; induce vomiting

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Stop source leaks, cover spill with alcohol foam, soap up spill w/absorbent or sand, neutralize spilled residue w/potassium permanganate; after (1) hour, soap up with absorbent or sand; avoid breathing vapors; avoid contact with skin, eyes, and clothes.

Waste Disposal Method: Place material in an approved, closed container, label and dispose of in accordance with Federal, State and local regulations concerning health and pollution. Spilled material that cannot be re-used may be disposed of via incineration or approved chemical waste landfill if regulations permit.

Precautions to Be Taken in Handling and Storing: Wear respirator, rubber gloves, protective clothing; avoid moisture contamination, cover containers, upon freezing allow material reach room temperature prior to mixing

Other Precautions: Do not store near epoxy resins. Keep container closed.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH-approved industrial canister type gas mask with organic vapor cartridge respirator

Ventilation: Mechanical (General) : Local Exhaust

Protective Gloves: Neoprene Rubber **Eye Protection:** Chemical splash goggles

Other Protective Clothing or Equipment: Hard hats, rubber boots

Work/Hygienic Practices: Adequate ventilation, dispose of contaminated footwear

Epoxy.com
20774 West Pennsylvania Ave.
Dunnellon, FL 34431
Phone 352-489-1666

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

IDENTITY: Epoxy.com PRODUCT #20 "A" Component

SECTION I

Manufacturer:	Epoxy Systems, Inc.	Emergency Number:	800-633-8253
Address:	20774 West Pennsylvania Ave. Dunnellon, FL 34431	Telep	352-489-1666
		Date Prepared:	12/2008

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u> %	<u>OSHA PEL</u>	<u>ACHIH TLV</u>	<u>Hazard Limits</u>
Epoxy Resin	028064-14-4	N/D		
Titanium Dioxide	13463-67-7		10mg/m ³	
Wollastonite	13983-17-0		10mg/m ³	

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	>475 F	Specific Gravity (H₂O = 1):	1.85
Vapor Pressure (mm Hg.):	N/D	Melting Point:	N/D
Vapor Density (AIR = 1):	N/D	Evaporation Rate:	N/D
Solubility in Water:	Slight	(Butyl Acetate = 1)	
Appearance and Odor:	White past, mild ether-like odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 424 F – ASTM D 93-85 PMCC **Flammable Limits: LEL** N/A **UEL** N/D

Extinguishing Media: Foam, dry chemical, CO₂, alcohol-resistant foam

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

Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability: Stable	Conditions to Avoid: Excessive heating over long periods of time degrades resin
Incompatibility: acids, bases, amines	
Hazardous Decomposition or Byproducts: By-products of incomplete pyrolysis or combustion are phenolics, carbon monoxide, water	
Hazardous Polymerization: Will not occur	Conditions to Avoid: N/A

(OVER)

EPOXYSYSTEMS' PRODUCT #20 "A" cont

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: **Inhalation?** Unlikely **Skin?** Yes **Ingestion?** Yes LD for rate > 400 mg/kg

Health Hazards (*Acute and Chronic*): Material unlikely absorbed through skin in harmful amounts (LD 50 not determined) (Can Cause allergic skin response

Carcinogenicity: NTP? N/D

IARC Monographs? N/D

OSHA Regulated? N/D

Signs and Symptoms of Exposure: Irritation of skin, may cause slight transient (temporary) eye irritation

Medical Conditions Generally Aggravated by Exposure: Slight skin, eye irritation, breathing difficulties if exposed to high temperature or fire.

Emergency and First Aid Procedures: Irrigate eyes for 5 minutes, wash off in soap and water; remove to fresh air, induce vomiting.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: .Soak up in absorbent material residue may be cleaned up with steam and soapy water; use of solvent should be avoided; keep spark-producing equipment away; for large spills, evacuate and keep up-wind of spills; contain with dike.

Waste Disposal Method: Resins can be disposed of through burning in an adequate incinerator or burying in a landfill, in accordance with Federal State and local regulations.

Precautions to Be Taken in Handling and Storing: Wear proper protective gear; gloves, safety glasses. Store in cool area.

Other Precautions: Avoid breathing vapors of heated materials.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None needed at room temperature, higher temperatures may generate irritating vapors.

Ventilation: Mechanical (General) : good general ventilation

Protective Gloves: Rubber gloves

Eye Protection: Safety glasses

Other Protective Clothing or Equipment: None

Work/Hygienic Practices: Wash hands after contact; follow practices of good industrial hygiene

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established