

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

IDENTITY: Epoxy.com Product #648 RESIN "A" Component

SECTION I

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

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA</u>	<u>PEL</u>	<u>ACHIH</u>	<u>TLV</u>	<u>Hazard</u>	<u>Limits</u>
Epoxy Resin	025085-99-8	%					
Silicon Dioxide	112945-52-5		10			mg/m ³	
Epoxy Novolac	028064-14-4						

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/D	Specific Gravity (H₂O =1): 1.17
Vapor Pressure (mm Hg.): N/D	Melting Point: N/A
Vapor Density (AIR = 1): 1	Evaporation Rate: N/A
Solubility in Water: Slight	(Butyl Acetate = 1) N/A
Appearance and Odor: Whitish, thick liquid, low odor	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): >200 F°	Flammable Limits: LEL N/D	UEL N/D
Extinguishing Media: CO ₂ , dry chemical, water spray		
Special Fire Fighting Procedures: Self-contained breathing apparatus should be worn.		
Unusual Fire and Explosion Hazards: None known		

SECTION V - REACTIVITY DATA

Stability: Stable	Conditions to Avoid:
Incompatibility: Strong bases	
Hazardous Decomposition or Byproducts: CO, aromatic structures	
Hazardous Polymerization: Will Not Occur	Conditions to Avoid: None known

(OVER)

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (Acute and Chronic):

Carcinogenicity: **NTP?** N/D **IARC Monographs?** N/D **OSHA Regulated?** Not regulated

Signs and Symptoms of Exposure: Skin or irritation.

Medical Conditions Generally Aggravated by Exposure: Skin sensitization

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

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Scoop up material and collect in suitable containers.

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

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

Other Precautions: After breathing vapors and collect with heated materials.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic cartridge respirator

Ventilation: Mechanical (General) Good general ventilation.

Protective Gloves: Rubber Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Long sleeved clothing

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

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established

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IDENTITY: Epoxy.com Product #648 Hardener "B" Component

SECTION I

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SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA</u>	<u>PEL</u>	<u>ACHIH</u>	<u>TLV</u>	<u>Hazard</u>	<u>Limits</u>
Modified Cycloaliphatic Polyamine		%	N/E		N/E		

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A	Specific Gravity (H₂O =1): 1.6
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 liquid, slight odor	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 230°F (Tag Closed Cup) **Flammable Limits:** LELN/D **UEL** N/D
Extinguishing Media: CO₂, dry chemical, water
Special Fire Fighting Procedures: Where self-contained breathing apparatus. Cool fire exposed containers with water.
Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability: Stable **Conditions to Avoid:** None
Incompatibility: Acids
Hazardous Decomposition or Byproducts: Oxides of Nitrogen, CO
Hazardous Polymerization: Will Not Occur **Conditions to Avoid:** None known

(OVER)

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (*Acute and Chronic*): May irritate skin and eyes. Vapors can cause severe irritation of eyes and respiratory tract.

Carcinogenicity: NTP? N/D **IARC Monographs?** N/D **OSHA Regulated?** No

Signs and Symptoms of Exposure: Skin and eye irritation

Medical Conditions Generally Aggravated by Exposure: Skin and eye irritation.

Emergency and First Aid Procedures: Eyes: Flush immediately 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: Absorb spill with sand and collect in suitable containers. Residual can be cleaned with hot soapy water..

Waste Disposal Method: Burn in adequate incinerator or bury in approved landfill.

Precautions to Be Taken in Handling and Storing: Avoid skin contact. Avoid breathing vapors.

Other Precautions: Wash thoroughly after handling.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic respirator in enclosed area.

Ventilation: Mechanical (General) Good ventilation.

Protective Gloves: Rubber gloves **Eye Protection:** Safety Glasses

Other Protective Clothing or Equipment: Long pants & long sleeved clean clothing.

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

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established