

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

**IDENTITY:** Epoxy.com Product #646 "A" Component

**SECTION I**

<b>Manufacturer:</b> Epoxy Systems'™	<b>Emergency Number:</b> 1-800-633-8253
<b>Address:</b> 20774 West Pennsylvania Ave Dunnellon, FL 34431	<b>Telephone Number:</b> 352-489-1666 <b>Date Prepared:</b> 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>	<u>%</u>
Epoxy Resin	025085-99-8		N/E					
Epoxy Novolac	028064-14-4		N/E					

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> N/D	<b>Specific Gravity (H<sub>2</sub>O =1):</b> 1.17
<b>Vapor Pressure (mm Hg.):</b> N/D	<b>Melting Point:</b> N/A
<b>Vapor Density (AIR = 1):</b> 1	<b>Evaporation Rate:</b> N/A
<b>Solubility in Water:</b> Slight	<b>(Butyl Acetate = 1)</b> N/A
<b>Appearance and Odor:</b> Clear yellow liquid, low odor	

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

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

**SECTION V - REACTIVITY DATA**

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

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## **SECTION VI - HEALTH HAZARD DATA**

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**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**

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**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**

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**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

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

**IDENTITY: Epoxy.com Product #646 Hardener "B" Component**

**SECTION I**

<b>Manufacturer:</b> Epoxy Systems'™	<b>Emergency Number:</b> 1-800-633-8253
<b>Address:</b> 20774 West Pennsylvania Ave Dunnellon, FL 34431	<b>Telephone Number:</b> 352-489-1666
	<b>Date Prepared:</b> 12/2008

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACHIH</u>	<u>TLV</u>	<u>Hazard</u>	<u>Limits</u>	<u>%</u>
Modified Cycloaliphatic Polyamine	1761-71-3	N/E		N/E			

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> N/A	<b>Specific Gravity (H<sub>2</sub>O =1):</b> 0.96
<b>Vapor Pressure (mm Hg.):</b> N/D	<b>Melting Point:</b> N/A
<b>Vapor Density (AIR = 1):</b> N/D	<b>Evaporation Rate:</b> N/D
<b>Solubility in Water:</b> Slight	<b>(Butyl Acetate = 1)</b>
<b>Appearance and Odor:</b> Amber liquid, amine odor	

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used):** 105 F (Tag Closed Cup)    **Flammable Limits:** LELN/D    **UEL** N/D

**Extinguishing Media:** CO<sub>2</sub>, 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)

Product # 646 "B" Comp.

**SECTION VI - HEALTH HAZARD DATA**

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

**Health Hazards (*Acute and Chronic*):** May cause severe skin and eye irritation or burns. Vapors can cause severe irritation of eyes and respiratory tract. Harmful if swallowed

**Carcinogenicity:** NTP? No                    IARC Monographs? No                    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**

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**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**

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**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