

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

**IDENTITY:** Epoxy.com Product #640 Activator

**SECTION I**

<b>Manufacturer:</b>	Epoxy Systems, Inc.	<b>Emergency Number:</b>	800-6338253
<b>Address:</b>	20744 West Pennsylvania Ave Dunnellon, FL 34431	<b>Telephone Number:</b>	352-489-1666
		<b>Date Prepared:</b>	4/2000 <b>UPDATED:</b> 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>	<u>%</u>
Benzyl Alcohol	100-51-5	N/E			
Modified Cycloaliphatic Polyamine		N/E			

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b>	N/D	<b>Specific Gravity (H<sub>2</sub>O =1):</b>	1.08
<b>Vapor Pressure (mm Hg.):</b>	N/A	<b>Melting Point:</b>	N/A
<b>Vapor Density (AIR = 1):</b>	N/D	<b>Evaporation Rate:</b>	N/A
<b>Solubility in Water:</b>	Slight	<b>(Butyl Acetate = 1)</b>	
<b>Appearance and Odor:</b>	White, high viscosity, amine odor		

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

<b>Flash Point (Method Used):</b> 216 Tag Closed cup	<b>Flammable Limits:</b> LEL	N/D	<b>UEL</b>	N/D
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**Extinguishing Media:** Foam, CO<sub>2</sub>, dry chemical

**Special Fire Fighting Procedures:** When this material is involved in a fire, use self-contained breathing apparatus. Cool fire exposed containers with water.

**Unusual Fire and Explosion Hazards:** Toxic fumes will be evolved when this material is involved in a fire.

**SECTION V - REACTIVITY DATA**

<b>Stability:</b> Stable	<b>Conditions to Avoid:</b> N/A
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**Incompatibility:** Avoid contact with mineral acids and oxidizing agents

**Hazardous Decomposition or Byproducts:** CO, CO<sub>2</sub>, NO<sub>x</sub>

<b>Hazardous Polymerization:</b> Will Not Occur	<b>Conditions to Avoid:</b> None known
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**#640 "Activator"**

**SECTION VI - HEALTH HAZARD DATA**

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

**Health Hazards (Acute and Chronic):** May cause burns to skin and eyes. High concentration of vapors can cause severe irritation of eyes and respiratory tract. Liquid causes severe damage to mucous membranes if swallowed.

**Carcinogenicity: NTP?** Not Listed                      **IARC Monographs?** Not Listed                      **OSHA Regulated?** Not Regulated

**Signs and Symptoms of Exposure:** Swelling, redness of respiratory tract.

**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.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to Be Taken in Case Material Is Released or Spilled:** Avoid contact. Pump liquid into storage tank. Avoid spreading to high temperature areas. Remaining liquid can be taken up on clay, diatomaceous earth or other absorbent and shoveled into containers.

**Waste Disposal Method:** Dispose of as hazardous water in accordance with Federal, State, and Local regulations.

**Precautions to Be Taken in Handling and Storing:** Avoid breathing and contact with skin. Reseal open containers. Store in cool place away from open flames and high temperatures.

**Other Precautions:** Get medical attention if swelling or reddening occurs.

**SECTION VIII – CONTROL MEASURES**

**Respiratory Protection:** NIOSH approved respiratory protection

**Ventilation:** Ventilation is needed where vapors are present.

**Protective Gloves:** Impervious Gloves, Neoprene

**Eye Protection:** Splash proof safety goggles

**Other Protective Clothing or Equipment:** Clean, body-covering clothing (apron, footwear)

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

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**IDENTITY:** Epoxy.com Product #640 Base

**SECTION I**

<b>Manufacturer:</b>	Epoxy Systems, Inc.	<b>Emergency Number:</b>	800-6338253
<b>Address:</b>	20774 West Pennsylvania Ave Dunnellon, FL 34431	<b>Telephone Number:</b>	352-489-1666
		<b>Date Prepared:</b>	4/2000 <b>UPDATED:</b> 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>	<u>%</u>
Epoxy Resin	025085-99-8	N/E			
Red Iron Oxide	1309-37-1	10 mg/m <sup>3</sup>			

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O =1):</b>	1.31
<b>Vapor Pressure (mm Hg.):</b>	N/A	<b>Melting Point:</b>	N/A
<b>Vapor Density (AIR = 1):</b>	N/A	<b>Evaporation Rate:</b>	N/A
<b>Solubility in Water:</b>	Slight	<b>(Butyl Acetate = 1)</b>	
<b>Appearance and Odor:</b>	Red thick liquid, faint odor		

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

**Flash Point (Method Used):** 485°F PMCC      **Flammable Limits:** LEL N/D      UEL N/D

**Extinguishing Media:** Foam, CO<sub>2</sub>, dry chemical

**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

**Incompatibility:** Base and oxidizing materials.

**Hazardous Decomposition or Byproducts:** Phenoloics, carbon monoxide

**Hazardous Polymerization:** Will Not Occur      **Conditions to Avoid:** None known

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**#640 Base Comp**

**SECTION VI - HEALTH HAZARD DATA**

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

**Health Hazards (*Acute and Chronic*):** Not anticipated to cause significant adverse effects. Possible skin sensitization.

**Carcinogenicity: NTP?** Not Listed                      **IARC Monographs?** Not Listed                      **OSHA Regulated?** Not Regulated

**Signs and Symptoms of Exposure:** Possible skin or eye irritation

**Medical Conditions Generally Aggravated by Exposure:** None known

**Emergency and First Aid Procedures:** Eyes: Flush immediately 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 to containment vessel.

**Waste Disposal Method:** Burn in adequate incinerator in accordance with Federal, State and local regulations.

**Precautions to Be Taken in Handling and Storing:** Keep containers closed. Avoid skin contact.

**Other Precautions:** None

**SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:** None normally needed for this component.

**Ventilation:** Mechanical (General) Ventilation .

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

**Other Protective Clothing or Equipment:** Long sleeve, long pants

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