

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

**IDENTITY:** Epoxy.com Product #25 "A" Component

**SECTION I**

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

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

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACIH TLV</u>	<u>Hazard Limits</u>
Epoxy Resin	025085-99-8			

NOTE: It is very unlikely that normal work operations could produce concentrations that are harmful to humans.

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> N/A	<b>Specific Gravity (H<sub>2</sub>O = 1):</b> 1.15
<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> Yellowish liquid, mild odor	

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

**Flash Point (Method Used):** 480°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:** None

**Incompatibility:** Base

**Hazardous Decomposition or Byproducts:** Carbon Monoxide

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

(OVER)

**Epoxy.com Product #25 "A" Component – continued**

**SECTION VI - HEALTH HAZARD DATA**

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

**Health Hazards (*Acute and Chronic*):** May cause eye irritation. Can cause allergic skin response. No hazards anticipated from ingestion incidental to industrial exposure.

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

**Signs and Symptoms of Exposure:** Skin or eye irritation or sensitization

**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:** Soak up in absorbent material, such as sand, and collect in suitable containers.

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

**Precautions to Be Taken in Handling and Storing:**

**Other Precautions:** Keep Containers closed. Store in cool area.

**SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:** None normally needed.

**Ventilation:** Mechanical (General) Good general ventilation.

**Protective Gloves:** Rubber Gloves

**Eye Protection:** Safety Glasses

**Other Protective Clothing or Equipment:** Clean work clothes

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

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

**IDENTITY:** Epoxy.com Product #25 "B" Component

**SECTION I**

<b>Manufacturer:</b>	Epoxy Systems, Inc.	<b>Emergency 1-800-633-8253:</b>
<b>Address:</b>	20774 W. Pennsylvania Ave Dunnellon, FL 34431	Information: 352-489-1666 <b>Date Printed: 6/2010</b>

**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>
Modified Poly Amine	_____%			N/D

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b>	Unknown	<b>Specific Gravity (H<sub>2</sub>O =1):</b>	.97
<b>Vapor Pressure (mm Hg.):</b>	<1 mmHg	<b>Melting Point:</b>	N/A
<b>Vapor Density (AIR = 1):</b>	6.53	<b>Evaporation Rate:</b>	N/D
<b>Solubility in Water:</b>	Slight	<b>(Butyl Acetate = 1)</b>	
<b>Appearance and Odor:</b>	Dark liquid, amine odor		

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

**Flash Point (Method Used):** 265°F PMCC      **Flammable Limits:** LEL N/E      UEL N/E

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

**Special Fire Fighting Procedures:** Use a positive pressure self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** None

**SECTION V - REACTIVITY DATA**

**Stability:** Stable      **Conditions to Avoid:** None

**Incompatibility:** Acids and bases

**Hazardous Decomposition or Byproducts:** Nitrogen oxides when burned

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

(OVER)

**Epoxy.com Product #25 "B" Component -continued**

**SECTION VI - HEALTH HAZARD DATA**

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

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

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

**Signs and Symptoms of Exposure:** Eye irritation, skin irritation

**Medical Conditions Generally Aggravated by Exposure:** Skin irritation

**Emergency and First Aid Procedures:** Eyes: Flush immediately with copious amounts of 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:** Long sleeved shirt, long pant clothing

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



Epoxy.com Product #25 "C" Component – continued

**SECTION VI - HEALTH HAZARD DATA**

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

**Health Hazards (*Acute and Chronic*):** Long term inhalation or respirable silica in excess of TLV may cause silicosis. Silicosis is a form of disabling pulmonary fibrosis.

**Carcinogenicity:**    NTP? No                      IARC Monographs? Yes                      OSHA Regulated? Not as carcinogen

**Signs and Symptoms of Exposure:** Undue breathlessness, wheezing, cough and sputum production.

**Medical Conditions Generally Aggravated by Exposure:** Pulmonary function may be reduced by inhalation of crystalline silica. Lung scarring.

**Emergency and First Aid Procedures:** Skin: Wash with soap and water. For gross inhalation: Remove person to fresh air. Seek medical attention.

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

**Steps to Be Taken in Case Material Is Released or Spilled:** Scoop up for disposal.

**Waste Disposal Method:** Any approved solid waste disposal.

**Precautions to Be Taken in Handling and Storing:** Avoid generating airborne particles. Avoid breathing dust.

**Other Precautions:** Store in cool, dry place.

**SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:** NIOSH approved dust respirator. See 29 CFR § 1910.134

**Ventilation:** Mechanical (General) Good general ventilation

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

**Other Protective Clothing or Equipment:** Long sleeved, long pant clothing

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