

# Material Safety Data Sheet

OSHA's Hazard Communication Standard,  
29 CFR 1910.1200.

**IDENTITY:** Epoxy.com Product #631 "A" Component

## SECTION I

**Manufacturer:** Epoxy Systems'™

**Address:** 20774 West Pennsylvania Ave  
Dunnellon, FL 34431

**Emergency Number:** 1-800-6338253

**Telephone Number:** 1-352-489-1666

**Date Prepared:** 4/2000 Updated: 12/2008

## SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

NOTE: It is very unlikely that normal work operations with EPS 631 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>	1.25
<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/D
<b>Solubility in Water:</b>	Slight	<b>(Butyl Acetate = 1)</b>	
<b>Appearance and Odor:</b>	Clear liquid, low odor		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** 400° F (PMCC)

**Flammable Limits:** LEL N/D UEL N/D

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

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** None

## SECTION V - REACTIVITY DATA

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

**Incompatibility:** Bases

**Hazardous Decomposition or Byproducts:** CO, CO<sup>2</sup>

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

(OVER)

## 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 reaction.

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

**Signs and Symptoms of Exposure:** Skin irritation.

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

**Emergency and First Aid Procedures:** Skin - Wash with soap and water. Eyes - Flush with water for at least 15 minutes. Ingestion – Induce vomiting if large amounts are ingested.

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps to Be Taken in Case Material Is Released or Spilled:** Soak up with absorbent materials, such as sand and collect in suitable containers. Residual can be cleaned with hot soapy water.

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

**Precautions to Be Taken in Handling and Storing:** Avoid skin contact. Avoid breathing vapors if material is heated.

**Other Precautions:** Keep containers closed.

## 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 clothing.

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

**Material Safety Data Sheet**  
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**IDENTITY:** Epoxy.com Product #631 "B" Component

**SECTION I**

<b>Manufacturer:</b>	Epoxy Systems™	<b>Emergency Number:</b>	1-800-6338253
<b>Address:</b>	20774 West Pennsylvania Ave Dunnellon, FL 34431	<b>Telephone Number:</b>	1-352-489-1666
		<b>Date Prepared:</b>	4/2000 Updated: 12/2008

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

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>Hazard Limits</u>	<u>%</u>
Modified Polyamine		N/E		
Silicon Dioxide	14808-60-7			
Magnesium Silicate	14807-96-6			

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O =1):</b>	1.5
<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/A
<b>Solubility in Water:</b>	Slight	<b>(Butyl Acetate = 1)</b>	
<b>Appearance and Odor:</b>	Gray Liquid, amine odor		

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

**Flash Point (Method Used):** 230° F (Tag Closed Cup)

**Flammable Limits:** LEL N/D UEL N/D

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

**Special Fire Fighting Procedures:** A positive pressure, self-contained breathing apparatus should be worn in confined areas.

**Unusual Fire and Explosion Hazards:** None

**SECTION V - REACTIVITY DATA**

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

**Incompatibility:** Acids

**Hazardous Decomposition or Byproducts:** Nitrogen oxides, CO

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

(OVER)

631 "B" Component – continued

**SECTION VI - HEALTH HAZARD DATA**

**Route(s) of Entry:**                      **Inhalation?** No                      **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?** Not Listed    **IARC Monographs?** Not Listed    **OSHA Regulated?** Not Regulated

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

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

**Emergency and First Aid Procedures:** Skin - Wash thoroughly with soap and water. Eyes - Flush with copious amounts of water for at least 15 minutes. 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 approved incinerator in compliance with Federal, State, and Local regulations.

**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 confined areas.

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

**Protective Gloves:** Rubber Gloves

**Eye Protection:** Safety Glasses

**Other Protective Clothing or Equipment:** Clean work clothing.

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