

# Epoxy.com™ Material Safety

## Data Sheet OSHA's Hazard

Communication Standard,  
29 CFR 1910.1200.

**IDENTITY:** Epoxy.com Product # 901 "A" Component

### SECTION I

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

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<b>Hazardous Components</b>	<b>CAS #</b>	<b>OSHA PEL</b>	<b>Hazard Limits%</b>
Polysulfide Polymer		N/E	
Titanium dioxide	13463-67-7	10 mg/m	
Chlorinated Parafin	108171-26-2	N/E	

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O =1):</b>	1.6
<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>	
<b>Appearance and Odor:</b>	Whitish viscous liquid, sulfurous odor		

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** > 200 F

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

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

**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:** Strong bases

**Hazardous Decomposition or Byproducts:** CO, aromatic structures

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

(OVER)

**Epoxy.com Product # 901 "A" Component Cont.**

**SECTION VI - HEALTH HAZARD DATA**

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

**Health Hazards (Acute and Chronic):** Inhalation - Based on human experience, may cause irritation of the respiratory tract, may also be a respiratory tract sensitizer. Because of its low volatility, however, significant exposure by the inhalation route is unlikely under most ambient conditions. May be moderately toxic. May be harmful if inhaled. Ingestion - Based on similar product testing, product may be slightly toxic.

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

**Signs and Symptoms of Exposure:** Irritation as noted above. Skin sensitization (allergy) may be evidenced by rashes. Especially hives. Respiratory tract sensitization (e.g. allergy, asthma) may be evidenced by wheezing with shortness of breath and cough.

**Medical Conditions Generally Aggravated by Exposure:** Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product. Preexisting skin or respiratory tract allergies may increase the chance of developing increased allergy symptoms from exposure to this product.

**Emergency and First Aid Procedures:** Eyes - Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention. Skin - Immediately remove contaminated clothing or shoes, wipe excess from skin and flush with plenty of water for at least 15 minutes. Use soap if available or follow by washing with soap and water. Do not reuse clothing until thoroughly cleaned. Get medical attention. Ingestion - If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

**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 approved incinerator or bury in an approved landfill in compliance with Federal, State, and Local regulations.

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

**Other Precautions:** Avoid breathing vapors and contact with heated materials.

**SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:** None needed for normal usage. In enclosed area NIOSH approved organic cartridge respirator.

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

**Protective Gloves:** Rubber Gloves

**Eye Protection:** Safety Glasses

**Other Protective Clothing or Equipment:** Clean long sleeve and long pant work clothing.

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

# Epoxy .com

## Material Safety Data Sheet

OSHA's Hazard Communication Standard,  
29 CFR 1910.1200.

**IDENTITY:** Epoxy.com Product # 901 "B" Component

### SECTION I

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

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>Hazard Limits%</u>
Alkyl Benzyl Ester	68515-40-2	5 mg/m	
Manganese Dioxide	1313-13-9	N/E	

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b>	N/D	<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	1.63
<b>Vapor Pressure (mm Hg.):</b>	N/E	<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>	
<b>Appearance and Odor:</b>	Dark Gray paste, Slight odor		

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** > 440 F (Tag Closed Cup)

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

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

**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:** Strong acids

**Hazardous Decomposition or Byproducts:** Oxides of nitrogen, CO

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

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## Epoxy.com Product # 901 "B" Component – continued

### SECTION VI - HEALTH HAZARD DATA

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

**Health Hazards (*Acute and Chronic*):** Repeated and/or prolonged exposure may cause allergic reaction/sensitization. May cause severe skin irritation or pain. Prolonged contact may cause chemical burns. Repeated and/or prolonged exposure may result in: adverse respiratory effects (such as cough, tightness of chest or shortness of breath), adverse eye effects( such as conjunctivitis or corneal damage), adverse skin effects (such as defatting, rash or irritation), adverse skin effects, (such as rash, irritation or corrosion). Dryness of nasal passages may be experienced when material is inhaled over a long period of time.

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

**Signs and Symptoms of Exposure:** Contact with the skin may cause dryness (defatting), itching and/or rash. Inhalation of mists may cause irritation in the respiratory tract. Contact with the skin or eyes causes moderate eye and skin irritation, redness and discomfort, which is transient. Coughing and chest pain may result. Product is absorbed through the skin and may cause nausea, headache and general discomfort.

**Medical Conditions Generally Aggravated by Exposure:** Asthma, chronic respiratory disease(e.g. Bronchitis, Emphysema), eye disease, skin disorders and allergies.

**Emergency and First Aid Procedures:** Eyes - Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention. Skin - Remove product and immediately flush affected area with water for at least 15 minutes. Remove contaminated clothing and shoes. Seek medical attention. Launder contaminated clothing prior to reuse. Inhalation - Move patient to fresh air. If breathing has stopped or is labored give respiration (e.g. mouth-to-mouth). Prevent aspiration of vomit. Turn victim's head to the side. Seek medical attention. Ingestion - If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

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

**Steps to Be Taken in Case Material Is Released or Spilled:** Contain spill. Collect in suitable containers.

**Waste Disposal Method:** Burn in approved incinerator in compliance 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:** In confined areas NIOSH approved organic respirator.

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

**Protective Gloves:** Rubber Gloves

**Eye Protection:** Safety Glasses

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

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