

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

**IDENTITY:** Epoxy'Wta ( &%)

**SECTION I**

**Manufacturer:** Epoxy Systems, Inc. **Emergency Number:** 1-800-633-8253  
**Address:** GE I I A ^ . o A } } . ^ | ç a } a e O c ^ A **Telephone Number:** 352-489-1666  
 Dunnellon, FL 344431 **Date Printed:** %&B\$\$,

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

Hazardous Components	CAS #	OSHA PEL	Hazard Limits	%
Urethane Prepolymer	N/E	N/E		
Toluene Diisocyanate	584-84-9	.005ppm		<.5%

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

**Boiling Point:** N/D **Specific Gravity (H<sub>2</sub>O = 1):** 1.11-1.15  
**Vapor Pressure (mm Hg.):** (TDI) @ 117°C .1mmHg **Melting Point:** N/A  
**Vapor Density (AIR = 1):** >1 **Evaporation Rate:** N/A  
**Solubility in Water:** Not Soluble **(Butyl Acetate = 1)**  
**Appearance and Odor:** Prepolymer is clear, syrup-like. Isocyanate odor

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

**Flash Point (Method Used):** 230° F ASTM D 3278

**Flammable Limits:** LEL 1.3% UEL 7.0%

**Extinguishing Media:** Dry chemical, CO<sub>2</sub>, or foam (as used for Class "B" fires).

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

**Unusual Fire and Explosion Hazards:** None.

**SECTION V - REACTIVITY DATA**

**Stability:** Stable **Conditions to Avoid:** High temperature and moisture when storing .

**Incompatibility:** Basic compounds; caustic soda.

**Hazardous Decomposition or Byproducts:** Burning material may produce oxides of nitrogen, CO, CO<sub>2</sub>.

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

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**SECTION VI - HEALTH HAZARD DATA**

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

**Health Hazards (*Acute and Chronic*):** May cause allergic response to skin and pulmonary sensitization can occur in some individuals.

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

**Signs and Symptoms of Exposure:** Difficulty in respiratory functions. Irritation of lungs and skin.

**Medical Conditions Generally Aggravated by Exposure:** Pulmonary disorders.

**Emergency and First Aid Procedures:** Skin - Wash with soap and water. Eyes - Irrigate with copious amounts of water, consult a physician. Ingestion - Induce vomiting, call a physician. Inhalation - Remove to fresh air.

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

**Steps to Be Taken in Case Material Is Released or Spilled:** Absorb material with vermiculite. Collect in drums for disposal.

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

**Precautions to Be Taken in Handling and Storing:** Keep container closed. Avoid breathing vapors.

**Other Precautions:** Store in dry environment.

**SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:** In confined areas, use NIOSH approved organic respirator.

**Ventilation:** Mechanical (General) Use with adequate 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.

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

**IDENTITY: Epoxy'Wca** <sup>TM</sup> **Product # 421 "B" Component**

**SECTION I**

<b>Manufacturer:</b>	Epoxy Systems, Inc. ....	<b>Emergency Number:</b>	1-800-633-8253
<b>Address:</b>	Gei i i A ^ o A } } ^   ca } a A DUNNELLON,FL34431 .....	<b>Telephone Number:</b>	352-489-1666
		<b>Date Printed</b>	<b>7/03</b>

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

Hazardous Components	CAS #	OSHA PEL	Hazard Limits	%
Lignosulfonate Solution	Non-Hazardous			

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b>	220°F	<b>Specific Gravity (H<sub>2</sub>O =1):</b>	1.22
<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>	100%	<b>(Butyl Acetate = 1)</b>	
<b>Appearance and Odor:</b>	Green liquid, low odor		

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

**Flash Point (Method Used):** N/A

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

**Extinguishing Media:** Aqueous solution – no fire hazard

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** None.

**SECTION V - REACTIVITY DATA**

**Stability:** Stable      **Conditions to Avoid:** Avoid strong oxidizing agents

**Incompatibility:** None

**Hazardous Decomposition or Byproducts:** Sulfur dioxide, carbon dioxide

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

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**Epoxy Wa<sup>TM</sup> Product # 421 – “B” Component - continued**

**SECTION VI - HEALTH HAZARD DATA**

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

**Health Hazards (Acute and Chronic):** None known

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

**Signs and Symptoms of Exposure:** None known

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

**Emergency and First Aid Procedures:** Skin - Wash with soap and water. Eyes - Irrigate with copious amounts of water

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

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

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

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

**Other Precautions:** None known

**SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:** None 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.