

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

**IDENTITY:** Epoxy.com Product #410 "A" Component

**SECTION I**

<b>Manufacturer:</b>	Epoxy Systems™	<b>Emergency Number:</b> 1-800-633-8253
<b>Address:</b>	20774 West Pennsylvania Ave Dunnellon, FL 34431	<b>Telephone Number:</b> 352-489-1666 <b>Date Printed:</b> 12/2008

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

<b>Hazardous Components</b>	<b>CA</b>	<b>S #</b>	<b>OSHA</b>	<b>PEL</b>	<b>Hazar</b>	<b>d Limits%</b>
Toluene Diisocyanate	584-		84-9			

This is a Polyurethane Isocyanate terminated Prepolymer.

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> 300°	F	<b>Specific Gravity (H<sub>2</sub>O = 1):</b> 1.06	
<b>Vapor Pressure (mm Hg.):</b>	N/D	<b>Melting Point:</b>	N/A
<b>Vapor Density (AIR = 1):</b>	1.02	<b>Evaporation Rate:</b>	N/D
<b>Solubility in Water:</b>	Not soluble	<b>(Butyl Acetate = 1)</b>	N/D
<b>Appearance and Odor:</b>	Yellowish Liquid		

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

**Flash Point (Method Used):** > 230 F

**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

**Incompatibility:** Moisture, strong oxidants, alcohols, amines.

**Hazardous Decomposition or Byproducts:** CO.

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

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#410 "A" Comp.

**SECTION VI - HEALTH HAZARD DATA**

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

**Health Hazards (*Acute and Chronic*):** May cause irritation of skin, eyes and respiratory tract due to traces of TDI. May cause allergic respiratory reaction.

**Carcinogenicity: NTP?** Anticipated Human Carcinogen      **IARC Monographs?** Group 2B      **OSHA Regulated?** Not regulated

**Signs and Symptoms of Exposure:** Difficulty in breathing, tightness in chest, skin irritation.

**Medical Conditions Generally Aggravated by Exposure:** Asthmatic reaction possible.

**Emergency and First Aid Procedures:** Eyes - Immediately flush eyes with plenty of water for at least 15 minutes. Skin - Wipe excess from skin and flush with plenty of water for at least 15 minutes follow by washing with soap and water.

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

**Steps to Be Taken in Case Material Is Released or Spilled:** Damp and soak up with absorbent material. Collect for disposal.

**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. Keep away from water or moisture.

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

**SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:** Supplied air respirators in area where TDI exceeds threshold limits.

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

**Protective Gloves:** Rubber Gloves

**Eye Protection:** Safety Glasses

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

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

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established

**Epoxy.com**  
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**IDENTITY:** Epoxy.com Product #410 "B" Component

**SECTION I**

<b>Manufacturer:</b>	Epoxy Systems'™	<b>Emergency Number:</b> 1-800-633-8253
<b>Address:</b>	20774 West Pennsylvania Ave Dunnellon,FL34431	<b>Telephone Number:</b> 352-489-1666 <b>Date Printed:</b> 12/2008

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

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA</u>	<u>PEL</u>	<u>Hazard Limits%</u>
Magnesium Silicate	14807-96-6	2	mg/m <sup>3</sup>	
Butyl Benzyl Pthalate	85-67-7	N/	D	
Aromatic Amine	T	rade Secret N/	D	

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> 320°	F	<b>Specific Gravity (H<sub>2</sub>O =1):</b> 1.63
<b>Vapor Pressure (mm Hg.):</b>	N/A	<b>Melting Point:</b> N/A
<b>Vapor Density (AIR = 1):</b>	1.05	<b>Evaporation Rate:</b> N/A
<b>Solubility in Water:</b>	Non-Soluble	<b>(Butyl Acetate = 1)</b>
<b>Appearance and Odor:</b>	Gray paste, Aromatic odor	

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

**Flash Point (Method Used):** > 110° F (Tag Closed Cup)

**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 self-contained breathing apparatus

**Unusual Fire and Explosion Hazards:** None

**SECTION V - REACTIVITY DATA**

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

**Incompatibility:** N/A

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

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

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## #410 "B" Comp

### SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:    I            nhalation? Yes            Ski            n? Yes            Ingestion? Yes

**Health Hazards (*Acute and Chronic*):** Prolonged exposure to solvents may cause brain, nervous systems, liver, or kidney damage.

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

**Signs and Symptoms of Exposure:** Redness and irritation of the affected area.

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

**Emergency and First Aid Procedures:** Eyes: Flush with water for at least 15 minutes. Skin: Wash thoroughly with soap & water. If conditions continue, seek medical attention.

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

**Steps to Be Taken in Case Material Is Released or Spilled:** Scoop up in suitable collections 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 and avoid skin contact

### SECTION VIII - CONTROL MEASURES

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

**Ventilation:** Mechanical (General) Good general exhaust to keep vapors below PEL.

**Protective Gloves:** Rubber or impervious plastic            **Eye Protection:** Safety Glasses

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

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

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established