

# Epoxy.com

Dunnellon, FL 34431  
Phone (352) 489-6991

## Material Safety Data Sheet

OSHA's Hazard Communication Standard,  
29 CFR 1910.1200.

**IDENTITY:** Epoxy.com 425 A

### SECTION I

<b>Manufacturer:</b>	Epoxy Systems, Inc.	<b>Emergency Number:</b>	1-800-633-8253
<b>Address:</b>	20774 West Pennsylvania Ave Dunnellon, Florida	<b>Telephone Number:</b>	(352) 489-6991
		<b>Date Prepared:</b>	12/2008

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS #	OSHA	PEL	ACHIH	TLV	Hazard	Limits	%
HCFC-141 (B) Blown Polyol	Proprietary		N/E					
Dichloro Fluoroethane	1717-00-6		800			ppm		

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b> 90 F	<b>Specific Gravity (H<sub>2</sub>O =1):</b> 1.11
<b>Vapor Pressure (mm Hg.):</b> 10	<b>Melting Point:</b> N/A
<b>Vapor Density (AIR = 1):</b> Heavier than air	<b>Evaporation Rate:</b> Slower
<b>Solubility in Water:</b>	<b>(Butyl Acetate = 1)</b>
<b>Appearance and Odor:</b> Dark liquid, fluorocarbon odor	

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used):</b> 210°F Closed Cup	<b>Flammable Limits:</b>	<b>LEL</b>	<b>UEL</b>
<b>Extinguishing Media:</b> Foam, CO <sub>2</sub> , dry chemical, water fog			
<b>Special Fire Fighting Procedures:</b> None known			
<b>Unusual Fire and Explosion Hazards:</b> None known			

### SECTION V - REACTIVITY DATA

<b>Stability:</b> Stable	<b>Conditions to Avoid:</b>
<b>Incompatibility:</b> None known	
<b>Hazardous Decomposition or Byproducts:</b> CO	
<b>Hazardous Polymerization:</b> Will not occur	<b>Conditions to Avoid:</b>

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**SECTION VI - HEALTH HAZARD DATA**

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**Route(s) of Entry:**                      **Inhalation:** yes                      **Skin:** yes                      **Ingestion:** yes

**Health Hazards (Acute and Chronic):** May cause skin or eye irritation. May cause nose and throat irritation.

**Carcinogenicity:** NTP: Not listed      IARC Monographs: Not listed      OSHA Regulated: Not regulated

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

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

**Emergency and First Aid Procedures:** Skin: Wash thoroughly with soap and water. Eyes: Flush with water for at least 15 minutes

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

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**Steps to Be Taken in Case Material Is Released or Spilled:** Contain and remove with inert absorbent. Scoop up to discard

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

**Precautions to Be Taken in Handling and Storing:** Do not store above 100° F. Keep containers closed.

**Other Precautions:** Do not take internally. Wash after handling. Keep out of reach of children.

**SECTION VIII - CONTROL MEASURES**

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**Respiratory Protection:** Observe OSHA 29 CFR 1910.134

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

**Protective Gloves:** None needed                      **Eye Protection:** Safety glasses

**Other Protective Clothing or Equipment:** Long sleeved clothing.

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

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**Material Safety Data Sheet**  
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**IDENTITY:** Epoxy.com 425 B

**SECTION I**

**Manufacturer:** Epoxy Systems, Inc.  
**Emergency Number:** 1-800-633-8253  
**Address:** 20774 West Pennsylvania Ave  
Dunnellon, Florida  
**Telephone Number:** (352) 489-6991  
**Date Prepared:** 12/2008

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

Hazardous Components	CAS #	OSHA	PEL	ACHIH	TLV Hazard	Limits	%
4,4 Diphenylmethane Diisocyanate (MDI)	101-68-8			.005 ppm			
4,4 Diphenylmethane Diisocyanate Oigimers	9016-87-9	N/E					

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

**Boiling Point:** N/A **Specific Gravity (H<sub>2</sub>O =1):** 1.22

**Vapor Pressure (mm Hg.):** .01

**Melting Point:** N/A

**Vapor Density (AIR = 1):** >1

**Evaporation Rate:** Slower

**Solubility in Water:** N/A

**(Butyl Acetate = 1)**

**Appearance and Odor:** Dark brown liquid, slight musty odor

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

**Flash Point (Method Used):** 400° F Closed Cup **Flammable Limits:** LEL N/A UEL N/A

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

**Special Fire Fighting Procedures:** Full protective equipment. Water spray may cool fire.

**Unusual Fire and Explosion Hazards:** Hazardous polymerization may occur

**SECTION V - REACTIVITY DATA**

**Stability:** Stable **Conditions to Avoid:**

**Incompatibility:** Water, alcohols, amine, strong bases

**Hazardous Decomposition or Byproducts:** CO<sub>2</sub>, CO, oxides of nitrogen

**Hazardous Polymerization:** Will not occur **Conditions to Avoid:**

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**SECTION VI - HEALTH HAZARD DATA**

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**Route(s) of Entry:** Inhalation: yes      **Skin:** yes      **Ingestion:** yes

**Health Hazards (Acute and Chronic):** Eye and skin irritation. May cause allergic respiratory reaction.

**Carcinogenicity:** NTP: not listed      **IARC Monographs:** not listed      **OSHA Regulated:** not regulated

**Signs and Symptoms of Exposure:** Difficulty breathing. Eye or skin redness. Itching.

**Medical Conditions Generally Aggravated by Exposure:** May cause chronic or permanent impairment of pulmonary function.

**Emergency and First Aid Procedures:** Eyes: Flush with water for 15 mins. Skin: Wash thoroughly with soap and water. Inhalation: Remove victim to fresh air. Get medical attention

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

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**Steps to Be Taken in Case Material Is Released or Spilled:** Ventilate area. Dike spilled material. Cover with absorbent. Scoop up to open container. Poor decontaminate over spillage, decontaminate ammonia 10% detergent 2% - 5% balanced water.

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

**Precautions to Be Taken in Handling and Storing:** Store between 10-100° F. Store in tightly closed containers.

**Other Precautions:** Do not take internally. Wash after using. Keep out of reach of children.

**SECTION VIII - CONTROL MEASURES**

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**Respiratory Protection:** Airline respirator TC19C NIOSH MSHA Observe OSHA 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 clothing

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

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established