

**Epoxy.com**

Dunnellon, FL 34431

Phone 352-489-1666

**Material Safety Data Sheet**

OSHA's Hazard Communication Standard,  
29 CFR 1910.1200.

**IDENTITY:** Epoxy.com Product #431 "A" Component

**SECTION I**

**Manufacturer:** Epoxy Systems, Inc. **Emergency Number:** 1-800-633-8253 PERS

**Address:** 20774 West Pennsylvania Ave **Telephone Number:** 352-489-1666  
Dunnellon, FL 34431 **Date Prepared:** 12/2008

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

| <b>Hazardous Components</b> | <b>CAS #</b> | <b>OSHA PEL</b> | <b>ACHIH</b> | <b>TLV</b> | <b>Hazard Limit</b> | <b>%</b> |
|-----------------------------|--------------|-----------------|--------------|------------|---------------------|----------|
| Polyether Polyol            | Trade Secret |                 |              | N/E        |                     |          |

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

**Boiling Point:** N/A **Specific Gravity (H<sub>2</sub>O =1):** 1.05

**Vapor Pressure (mm Hg.):** N/A

**Melting Point:** N/A

**Vapor Density (AIR = 1):** N/A

**Evaporation Rate:** N/A

**Solubility in Water:** Soluble

**(Butyl Acetate = 1)**

**Appearance and Odor:** Brownish liquid, low odor

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

**Flash Point (Method Used)** >200° F **PMCC Flammable Limits:** LEL N/A UEL N/A

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

**Special Fire Fighting Procedures:** Fire-fighters should wear self containing breathing apparatus.

**Unusual Fire and Explosion Hazards:** none

**SECTION V - REACTIVITY DATA**

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

**Incompatibility:** None known

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

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:**

(OVER)

## **SECTION VI - HEALTH HAZARD DATA**

---

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

**Health Hazards (*Acute and Chronic*):** Low hazard

**Carcinogenicity:** NTP? Not Listed                      IARC Monographs? Not Listed                      OSHA Regulated? No

**Signs and Symptoms of Exposure:** May cause slight skin or eye irritation

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

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

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

---

**Steps to Be Taken in Case Material Is Released or Spilled:** Not regulated. Small quantities, flush with water. Contain large spills and collect for disposal.

**Waste Disposal Method:** Incinerate or bury in licensed facility.

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

**Other Precautions:** Avoid contact skin. Wash thoroughly after handling.

## **SECTION VIII - CONTROL MEASURES**

---

**Respiratory Protection:** None for "A" component.

**Ventilation: Mechanical (General) :** Mechanical exhaust

**Protective Gloves:** Rubber or plastic

**Eye Protection:** Safety glasses

**Other Protective Clothing or Equipment:**

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

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established

# Epoxy.com

Dunnellon, FL 34431  
Phone 352-489-1666

## Material Safety Data Sheet

OSHA's Hazard Communication Standard,  
29 CFR 1910.1200.

**IDENTITY:** Epoxy.com Product #431 "B" Component

---

### SECTION I

|                      |                                                    |                          |                    |
|----------------------|----------------------------------------------------|--------------------------|--------------------|
| <b>Manufacturer:</b> | Epoxy Systems, Inc.                                | <b>Emergency Number:</b> | 1-800-633-8253PERS |
| <b>Address:</b>      | 20774 West Pennsylvania Ave<br>Dunnellon, FL 34431 | <b>Telephone Number:</b> | 352-489-1666       |
|                      |                                                    | <b>Date Prepared:</b>    | 12/2008            |

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| Hazardous Components                   | CAS #      | OSHA | PEL | A <sub>CH</sub> I <sub>H</sub> | TLV       | Hazard | Limits | % |
|----------------------------------------|------------|------|-----|--------------------------------|-----------|--------|--------|---|
| Polymeric Diphenylmethane Diisocyanate | 9016-87-9  | 0.02 | ppm |                                | 0.005 ppm |        |        |   |
| 2 - Propanol, 1-chloro-, phosphate     | 13674-84-5 | N/D  | N/D |                                |           |        |        |   |

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

|                                                       |                                                   |
|-------------------------------------------------------|---------------------------------------------------|
| <b>Boiling Point:</b> 406°                            | <b>Specific Gravity (H<sub>2</sub>O =1):</b> 1.21 |
| <b>Vapor Pressure (mm Hg.):</b> <10 <sup>5</sup> mmHg | <b>Melting Point:</b> 32° F                       |
| <b>Vapor Density (AIR = 1):</b> N/E                   | <b>Evaporation Rate:</b> N/A                      |

**Solubility in Water:** Reacts slowly with water.  
**Appearance and Odor:** Brown liquid, low odor

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

|                                            |                                  |                 |
|--------------------------------------------|----------------------------------|-----------------|
| <b>Flash Point (Method Used):</b> > 395° F | <b>Flammable Limits:</b> LEL N/A | <b>UEL:</b> N/A |
|--------------------------------------------|----------------------------------|-----------------|

**Extinguishing Media:** Dry chemical, Water fog, CO<sub>2</sub>,  
**Special Fire Fighting Procedures:** Self contained breathing apparatus should be worn. During a fire, MDI vapors and other irritating highly toxic gases may be generated by thermal decomposition.  
**Unusual Fire and Explosion Hazards:** None

### SECTION V - REACTIVITY DATA

|                          |                             |
|--------------------------|-----------------------------|
| <b>Stability:</b> Stable | <b>Conditions to Avoid:</b> |
|--------------------------|-----------------------------|

**Incompatibility:** Water, oxidizers  
**Hazardous Decomposition or Byproducts:** Hydrogen chloride, carbon monoxide  
**Hazardous Polymerization:** Will not occur

|                             |
|-----------------------------|
| <b>Conditions to Avoid:</b> |
|-----------------------------|

(OVER)

Epoxy.com Product #431 "B" cont

**SECTION VI - HEALTH HAZARD DATA**

---

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

**Health Hazards (Acute and Chronic):** Chronic exposure may lead to skin irritation. Allergic sensitization of the respiratory tract may occur producing shortness of breath and coughing. Skin LD 50 is >2000 mg per kg in rabbits. Oral LD 50 is >10,000 mg per kg in rats.

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

**Signs and Symptoms of Exposure:** Mild respiratory irritation, drowsiness. Eye contact may cause burning and irritation. Skin irritation.

**Medical Conditions Generally Aggravated by Exposure:** Asthmatic reactions and allergic respiratory reactions.

**Emergency and First Aid Procedures:** Eyes: immediately flush with large amounts of water. Skin: Wash thoroughly with soap and water. Inhalation: move victim to fresh air.

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

---

**Steps to Be Taken in Case Material Is Released or Spilled:** Ventilate area well. Remove heat sources. Clean up with inert absorbent.

**Waste Disposal Method:** Incinerate in approved manner in accordance with Federal, State and Local regulations.

**Precautions to Be Taken in Handling and Storing:** Keep in cool dry area. Keep container closed.

**Other Precautions:** For industrial use only. Wash thoroughly after handling.

**SECTION VIII - CONTROL MEASURES**

---

**Respiratory Protection:** NIOSH approved organic cartridge respirator.

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

**Protective Gloves:** Rubber gloves

**Eye Protection:** Safety glasses

**Other Protective Clothing or Equipment:**

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