

# **MATERIAL SAFETY DATA SHEET** Printed & Reviewed: 6/2010

## **EPOXY SYSTEMS' PRODUCT #18A**

**MANUFACTURED FOR:**

Epoxy Systems, Inc.  
20774 W.  
Pennsylvania Ave.  
Dunnellon, FL 34431

**EMERGENCY TELEPHONE NO.:**

1-800-633-8253

**Information :**

352-489-1666

**Hazardous Material Description, Proper Shipping Name, Hazard Class, Hazard ID No.:**

Not regulated by D.O.T., Resin Compound, none, N.A

**Trade Name:** Epoxy Systems' Product #18-- Resin Component

**Additional Hazard Classes (as applicable):** HMIS Health-2 Fire-1  
Reactivity-0

**Chemical Family:** Epoxy Resin **Date Prepared:** 7/26/91

### **SECTION II -- HAZARDOUS INGREDIENTS**

<b>Hazardous Components:</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>OTHER</b>	<b>LIMITS</b>
25068-38-6 Epoxy Resin		n/a	n/a	n/a

### **SECTION III -- PHYSICAL DATA**

**Boiling range:** >200°F

**Vapor Density:** N/A

**Percent volatile by volume:** 0 **Specific Gravity (H2O = 0):** 1.17

**Calculated V.O.C. (lbs/gal):** 0

**Solubility In Water:** Insoluble

**Appearance and Odor:** Clear Liquid, Mild Odor

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

**DOT Category:** Not Regulated

**Flashpoint:** 490°F SFCC **LEL:** N/A **UEL:** N/A

**Extinguishing Media:** Use water spray, foam, dry chemical, carbon dioxide.

**Unusual Fire and Explosion Hazards:** None

**Special Fire Fighting Procedures:** None

## **SECTION V -- HEALTH HAZARD DATA**

**Threshold Limit Value:** Not established (see Section II)

**Route(s) of Entry:** Skin

**Carcinogenicity:** **NTP?** no **IARC Monographs?:** no **OSHA Regulated?** no

**Signs and Symptoms of Exposure:** Redness of the skin, sensitization or other allergic responses.

**Medical Conditions Generally Aggravated by Exposure:** Redness and drying of the skin followed by other conditions attributed to contact dermatitis..

**Emergency and First Aid Procedures:** In case of skin contact, wipe off excess, wash immediately with mild soap and water. For eyes, flush with plenty of water for 15 minutes and SEEK ATTENTION IMMEDIATELY. Ingestion- seek medical attention immediately. Inhalation- Remove from contaminated area to fresh air.

## **SECTION VI -- REACTIVITY DATA**

**Stability:** \_\_\_ Unstable xx Stable

**Conditions to Avoid:** n/a

**Hazardous Decomposition Products:** Decomposition may produce carbon monoxide and/or carbon dioxide, aldehydes and acids.

**Hazardous Polymerization:** \_\_\_ May Occur xx Will not Occur

## **SECTION VII -- Precautions for Safe Handling and Use:**

**Steps to be Taken in Case Material is Released or Spilled:** Soak up in absorbent material or scrape up. Residual can be removed with non-flammable solvent.

**Waste Disposal Method:** Burn in adequate incinerator in compliance with Federal, State and Local Regulations for Hazardous Materials.

**Precautions to be Taken in Handling and Storing:** Store in a cool, dry, well ventilated area away from excessive heat or open flame.

**Other Precautions:** Avoid breathing of Vapors. Practice Good Personal Hygiene and exercise caution to avoid skin and eye contact

## **SECTION VIII -- Control Measures**

**Respiratory Protection:** None Normally needed.

**Ventilation:** Local exhaust recommended. Good general ventilation normally adequate

**Protective Gloves:** Impervious gloves

**Eye Protection:** Safety glasses or goggles

**Other Protective Equipment:** Use clean body covering clothing.

**Work/ Hygienic Practices:** DO NOT eat, drink or smoke while using this product.

The information contained herein is based on data believed by Epoxy Systems, Inc. to be accurate, but we do not assume any liability for the accuracy of this information. We neither suggest nor guarantee that any hazards mentioned are the only ones which exist. Anyone intending to rely on any recommendations or to use any equipment, technique or material mentioned should also satisfy himself that he can meet all applicable safety and health standards. Determination of the suitability of any information or product for the use contemplated by any user, the manner of that use and whether there is any infringement of patents is the sole responsibility of the user.



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

**Flashpoint:** >200°F SFCC      **LEL:** N/A      **UEL:** N/A

**Extinguishing Media:** Use water spray, foam, dry chemical, carbon dioxide.

**Unusual Fire and Explosion Hazards:** None

**Special Fire Fighting Procedures:** None

## **SECTION V -- HEALTH HAZARD DATA**

**Threshold Limit Value:** Not established (see Section II)

**Route(s) of Entry:** Skin, Inhalation, (unlikely) Ingestion.

**Health Hazards (Acute and Chronic):** Eyes- Severe Burns, Redness, Tearing. Skin- Severe Burns, Irritation, Dermatitis, Possibly sensitization. Ingestion- Gastrointestinal irritation, Nausea, Vomiting. Inhalation- Nasal and Respiratory Irritation possible.

**Carcinogenicity:**    **NTP?** no      **IARC Monographs?:** no      **OSHA Regulated?** no

**Signs and Symptoms of Exposure:** Eyes- Redness, Tearing. Skin -Rash, Redness.

**Medical Conditions Generally Aggravated by Exposure:** Redness and drying of the skin followed by other conditions attributed to contact dermatitis..

**Emergency and First Aid Procedures:** In case of skin contact, wipe off excess, wash immediately with mild soap and water. For eyes, flush with plenty of water for 15 minutes and SEEK ATTENTION IMMEDIATELY. Ingestion- seek medical attention immediately. Inhalation- Remove from contaminated area to fresh air.

## **SECTION VI -- REACTIVITY DATA**

**Stability:** \_\_\_ Unstable                      xx Stable

**Conditions to Avoid:** Strong Oxidants

**Incompatibility (Materials to avoid):** Strong Oxidants.

**Hazardous Decomposition Products: Decomposition may produce carbon monoxide and/or carbon dioxide, oxides of nitrogen.**

**Hazardous Polymerization:  May Occur       Will not Occur**

## **SECTION VII -- Control Measures**

**Steps to be Taken in Case Material is Released or Spilled: Soak up in absorbent material or scrape up. Scrub with 5% Acetic Acid to Emulsify. Rinse with water.**

**Waste Disposal Method: Burn in adequate incinerator in compliance with Federal, State and Local Regulations for Hazardous Materials.**

**Precautions to be Taken in Handling and Storing: Store in a cool, dry, well ventilated area away from excessive heat or open flame.**

**Other Precautions: Avoid breathing of Vapors. Practice Good Personal Hygiene and exercise caution to avoid skin and eye contact**

## **SECTION VIII -- SPECIAL PROTECTION INFORMATION**

**Respiratory Protection: None Normally needed. NIOSH approved organic vapor respirators are only required where ventilation is inadequate.**

**Ventilation: Local exhaust recommended. Good general ventilation normally adequate**

**Protective Gloves: Impervious gloves**

**Eye Protection: Safety glasses or goggles**

**Other Protective Equipment: Use clean body covering.**

**Work/ Hygienic Practices: DO NOT eat, drink or smoke while using this product.**

The information contained herein is based on data believed by Epoxy Systems, Inc. to be accurate, but we do not assume any liability for the accuracy of this information. We neither suggest nor guarantee that any hazards mentioned are the only ones which exist. Anyone intending to rely on any recommendations or to use any equipment, technique or material mentioned should also satisfy himself that he can meet all applicable safety and health standards. Determination of the suitability of any information or product for the use contemplated by any user, the manner of that use and whether there is any infringement of patents is the sole responsibility of the user.