

# MATERIAL SAFETY DATA SHEET

## EPOXY.COM PRODUCT #850 GENERAL PURPOSE EPOXY PENETRATING SEALER - RESIN COMPONENT

- HMIS CODES: H F R  
3 0

PRODUCT CODE:

### SECTION 1: MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: EPOXY SYSTEMS, Inc,  
ADDRESS: 20774 West Pennsylvania Ave  
Dunnellon, FL 34431

EMERGENCY NUMBER: 800-633-8253 DATE PRINTED: 12/2008  
INFORMATION NUMBER: 352-489-1666 NAME OF PREPARER: N. Lambert

### SECTION 2: HAZARDOUS INGREDIENTS/OSHA III INFORMATION

HAZARDOUS	GAS NUMBER	OSHA PEL	ACGIH TLV	WT %	VAPOR PRESS. COMPONENTS
Polyamide Resins	Mixture	NE	NE	60-70	Not Determined
*Xylene	1330-20-4	100 PPM	100 PPM	10-35	5.1 mm Hg @ 68 deg F 00"
*Methyl Isobutyl Ketone	108-10-1	50 PPM	50 PPM	10-20	16 mm Hg @ 68 deg F

Substances listed are present in concentration of 1% or greater, or 0.1% if cited as a potential Carcinogen in the OSHA hazard communication standard. Where proprietary ingredient is listed, the identity is available as provided in 29 CFR 1910.1200.

(\*) indicates toxic chemical(s) subject to reporting requirements of Section 313 of Title III and of 40 CFR 372.

NE - Not Established

### SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 230 deg, F  
VAPOR DENSITY: Heavier than Air  
PERCENT VOLATILE BY VOLUME: VOC  
WEIGHT PER GALLON: 8.6 ±.2 (lbs)

### APPEARANCE AND ODOR

### SPECIFIC GRAVITY (H20=1)

EVAPORATION RATE: Slower than Ether

### SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 60 deg, F METHOD USED: FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.1

UPPER: EXTINGUISHING MEDIA: Foam, alcohol foam, CO2, dry chemical, water spray. OSHA

FLAMMABILITY CLASSIFICATION: Flammable Liquid

SPECIAL FIRE FIGHTING PROCEDURES: Wear a NIOSH/MSHA approved self contained breathing apparatus and full protective clothing. Use water to keep fire exposed containers cool. Water may be ineffective as an extinguishing agent

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and may travel along the ground or be moved by ventilation to ignition sources at locations distant from material handling point. Pressure may build up in containers and create an explosion hazard.

### SECTION 5: REACTIVITY DATA

STABILITY: Product stable

CONDITIONS TO AVOID: All sources of ignition

INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing agents, strong acids and bases.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon monoxide, carbon dioxide, nitrogen oxides and organic compounds.

HAZARDOUS POLYMERIZATION: Will not occur

## SECTION 6: HEALTH HAZARD DATA

### HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

**INHALATION:** Excessive exposure to vapors can cause headache, dizziness, uncoordination, nausea and loss of consciousness.

**SKIN:** Moderate irritation or detailing of skin upon prolonged or repeated contact. **EYE:** Irritation and burning of eyes with tearing and redness.

**INGESTION:** Abdominal pain, nausea, vomiting and diarrhea. **HEALTH HAZARDS**

**(ACUTE AND CHRONIC):**

**CARCINOGENICITY:** NTP CARCINOGEN: IARC MONOGRAPHS: OSHA REGULATED:

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** Flush with water for 15 minutes.

**SKIN:** Remove contaminated clothing, wash skin with soap and water. **INGESTION:** Do NOT induce vomiting. Get medical attention immediately. **INHALATION:** Move to fresh air, aid breathing if necessary.

## SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Dike spill area. Absorb spill with inert absorbent material. Place in sealed metal containers for proper disposal.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state and federal regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Store in dry area. Keep away from open flames and high temperatures.

**OTHER PRECAUTIONS:** Minimize contact, Avoid breathing vapors. Practice good industrial hygiene and safe working practices.

## SECTION 8: CONTROL MEASURES

**RESPIRATORY PROTECTION:** Use a NIOSH/MSHA jointly approved respirator, **VENTILATION:** Use mechanical ventilation.

**PROTECTIVE GLOVES:** Neoprene or rubber. **EYE PROTECTION:** Chemical splash goggles.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Protective clothing, barrier cream, eye bath, safety shower. **WORK/HYGIENIC PRACTICES:**

## SECTION 9: REGULATORY INFORMATION

**D. O. T. PROPER SHIPPING NAME:** Resin Solution, flammable; 3;

**UN1866; PG II PROPER SHIPPING NAME:** Resin Solution, flammable

**HAZARD CLASS:** Class 3, Flammable Liquid

**UN ID NUMBER:** UN 1888

**PACKING GROUP** II

## SECTION 10: DISCLAIMER

Data and recommendations presented herein are based upon our and other researchers and are believed to be accurate. The products discussed are distributed without warranty (expressed or implied) and the customer shall make his own determination of suitability for his particular purpose.

**MATERIAL SAFETY DATA SHEET**  
**EPOXY.COM PRODUCT #850**  
**GENERAL PURPOSE EPOXY PENETRATING SEALER - HARDENER COMPONENT**

PRODUCT NAME: EPOXY.COM PRODUCT #850 - PART B

HMIS CODES: H F R P

PRODUCT CODE:

2 3 0

SECTION 1: MANUFACTURER IDENTIFICATION MANUFACTURER'S NAME: EPOXY SYSTEMS, INC.

ADDRESS: 20774 West Pennsylvania Ave Dunnellon, FL 34431

EMERGENCY NUMBER: 1-800-633-8253 DATE PRINTED: 12/2008

INFORMATION NUMBER: 1-802-899-2844 NAME OF PREPARER: Norm Lambert

**SECTION 2: HAZARDOUS INGREDIENTS/SARA III INFORMATION**

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	WT %	VAPOR PRESS.
Polyamide Resins	Mixture	NE	NE	45-50 Not	Determined
*Xylene	1330-20-4	100 PPM	100 PPM	35-40	5.1mm Hg @ 68 deg F
Propylene Glycol Monomethyl Ether	107-98-2	100 PPM	100 PPM	15-20	8mm Hg @ 68 deg F

Substances listed are present in concentrations of 1% or greater, or 0.1% if cited as a potential Carcinogen in the OSHA hazards communication standard. Where proprietary ingredient is listed, the identity is provided in 29 CFR 1910.1200.

(\*) Indicates toxic chemical(s) subject to reporting requirements of Section 313 of Title III and of 40 CFR 372.

NE - Not Established

**SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS**

BOILING RANGE	246 deg. F
VAPOR DENSITY	Heavier than Air
PERCENT VOLATILE BY VOLUME	57
WEIGHT PER GALLON (lbs)	7.7 ± 2
SOLUBILITY IN WATER	
APPEARANCE	
ODOR	
SPECIFIC GRAVITY (H2O=1)	
EVAPORATION RATE	Slower than Ether

**SECTION 4: FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT: 60 deg. F METHOD USED:

FLAMMABLE LIMITS IN AIR VOLUME - LOWER: 1.0  
UPPER:

EXTINGUISHING MEDIA: Foam, alcohol foam, CO2, dry chemical, water spray

OSHA FLAMMABILITY CLASSIFICATION: Flammable Liquid I C

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HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon monoxide,, carbon dioxide, nitrogen oxides and organic compounds.

HAZARDOUS POLYMERIZATION: Will not occur.

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SKIN: Moderate Irritation or defatting of skin upon prolonged or repeated contact. EYE: Eye irritation and burning with redness and tearing.

INGESTION: Abdominal pain, nausea, vomiting and diarrhea, HEALTH HAZARDS

(ACUTE AND CHRONIC):

CARCINOGENICITY NTP CARCINOGEN: IARC MONOGRAPHS: OSHA REGULATED:

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: EMERGENCY AND FIRST AID PROCEDURES:

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PROTECTIVE GLOVES: Neoprene or rubber. EYE PROTECTION: Chemical splash goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Protective clothing, barrier cream, eye bath, safety shower. WORK/HYGIENIC PRACTICES:

## SECTION 9: REGULATORY INFORMATION

D. O. T. PROPER SHIPPING NAME: Flammable Liquids, Corrosive NOS (Xylene, Polyamide Amine); 3; UN2924; PG II

D. O. T. PROPER SHIPPING NAME: Resin Solution, flammable; 3; UN1866; PG III

PROPER SHIPPING NAME: Resin Solution, flammable HAZARD CLASS: Class 3, Flammable Liquid UN/NA ID NUMBER: UN 1866

PACKING GROUP III

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