

**MATERIAL SAFETY DATA SHEET**  
**EPOXY.COM #461 POLYASPARTIC TOPCOAT PART A**

**PRODUCT NAME:** Epoxy.com # #461 POLYASPARTIC TOPCOAT PART A  
**PRODUCT CODE:** Epoxy.com #461

**HMIS CODES:** H F R P  
3 3 1 --

**SECTION 1: MANUFACTURER IDENTIFICATION**

**MANUFACTURER'S NAME:** Epoxy Systems, Inc.  
**ADDRESS:** 20774 W Pennsylvania Ave  
Dunnellon, FL34431  
**EMERGENCY NUMBER:** 1-800-633-8253 **DATE PRINTED:** 09/13/11 **INFORMATION NUMBER:** 1-352-489-1666  
**NAME OF PREPARER:** Kate Fontaine

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

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	WT %
HDI Homopolymer	28182-81-2	NE	NE	>99

Substances listed are present in concentration 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 available as provided in 29 CFR 1910.1200. NE - Not Established

**SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS**

**SOLUBILITY IN WATER** : Reacts  
**APPEARANCE AND ODOR** : Clear to amber liquid, odorless  
**WEIGHT PER GALLON** : 9.16 lbs (± 0.25)  
**EVAPORATION RATE** : Slower than ether  
**PERCENT VOC BY VOLUME** : Negligible

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

**FLASH POINT:** >200° F  
**METHOD USED:** TCC  
**FLAMMABLE LIMITS IN AIR BY VOLUME -** **LOWER:** Not determined  
**UPPER:** Not determined  
**EXTINGUISHING MEDIA:** CO2, dry chemical, water not recommended  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH/MSHA approved self contained breathing apparatus and full protective clothing. Use water to keep fire exposed containers cool. Water may be ineffective as extinguishing agent. **UNUSUAL FIRE AND EXPLOSION HAZARDS:** Pressure may build up in containers and create explosion hazard.

**SECTION 5: REACTIVITY DATA**

**STABILITY:** Stable  
**CONDITIONS TO AVOID:** Excessive heat.  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Oxidizing agents, strong acids & bases, Polymerization initiators, alcohols, amines, water.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon dioxide, nitrogen oxides, and organic compounds.  
**HAZARDOUS POLYMERIZATION:** May Occur

**SECTION 6: HEALTH HAZARD DATA**

**HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**  
**EYES:** Irritation, burning, tearing, and redness.  
**SKIN:** Moderate irritation or defatting of skin upon prolonged or repeated contact.  
**INGESTION:** Abdominal pain, nausea, vomiting, and diarrhea.  
**INHALATION:** May be harmful if inhaled.  
**CARCINOGENICITY:** NTP CARCINOGEN: No **IARC MONOGRAPHS:** No **OSHA REGULATED:** No **EMERGENCY AND FIRST AID PROCEDURES:**  
**EYES:** Flush with cool water for at least 15 minutes. Call a physician.  
**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. Call a physician.

## SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Dike spill area. Absorb with inert absorbant material.

Place in sealed containers for proper disposal.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state and federal EPA 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 NIOSH approved dust mask respirator under appropriate OSHA standards and regulations.

A combination of both proper ventilation and respiratory protection would tend to eliminate most risks.

**VENTILATION:** Local exhaust is recommended.

**PROTECTIVE GLOVES:** Recommended.

**EYE PROTECTION:** Wear liquid chemical goggles. Contact lenses should not be worn.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eye wash facility and safety shower recommended. Long sleeve shirts and pants. **WORK/HYGIENIC PRACTICES:** Wash hands with soap and water after using and before eating.

## SECTION 9: REGULATORY INFORMATION

**D. O. T. PROPER SHIPPING NAME:** Less Than 33,333# per container: Not Regulated by DOT

**PROPER SHIPPING NAME:** Environmentally hazardous substance, Liquid, N.O.S. (Hexamethylene Diisocyanate)

**HAZARD CLASS:** Class 9, Miscellaneous

**UN/NA ID NUMBER:** UN 3082

**PACKING GROUP** III

## 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 #461 TOPCOAT PART B**

**PRODUCT NAME:** Epoxy.com #461 TOPCOAT PART B  
**PRODUCT CODE:** Epoxy.com #461B

**HMS CODES:** H F R P  
2 2 0 --

**SECTION 1: MANUFACTURER IDENTIFICATION**

**MANUFACTURER'S NAME:** Epoxy Systems, Inc. (DBA Epoxy.com)  
**ADDRESS:** 20774 W Pennsylvania Ave  
Dunnellon, FL 34431  
**EMERGENCY NUMBER:** 1-800-633-8253 **DATE PRINTED:** 09/13/11 **INFORMATION NUMBER:** 1-352-489-1666  
**NAME OF PREPARER:** Kate Fontaine

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

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	WT %
Dipropylene glycol methyl ether	88917-22-0	NE	NE	90-100 acetate
Proprietary additive	proprietary	NE	NE	10-25

Substances listed are present in concentration 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 available as provided in 29 CFR 1910.1200. NE - Not Established

**SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS**

**SOLUBILITY IN WATER** : 16%  
**APPEARANCE AND ODOR** : Straw colored Liquid with slight odor  
**WEIGHT PER GALLON** : 7.69 lbs. (± 0.25)  
**EVAPORATION RATE** : Slower than ether  
**PERCENT VOC BY VOLUME** : 95%

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

**FLASH POINT:** >180° F  
**METHOD USED:** TCC  
**FLAMMABLE LIMITS IN AIR BY VOLUME -** LOWER: 1.21%  
UPPER: 5.35%

**EXTINGUISHING MEDIA:** Foam, Water spray (fog), CO<sub>2</sub>, Dry Chemical

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH/MSHA approved self contained breathing apparatus and full protective clothing. Use water to keep fire exposed containers cool. **UNUSUAL FIRE AND EXPLOSION HAZARDS:** Pressure may build up in containers and create an explosion hazard.

**SECTION 5: REACTIVITY DATA**

**STABILITY:** Stable

**INCOMPATIBILITY (MATERIALS TO AVOID):** Oxidizing agents, strong acids & 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 OVEREXPOSURE:**

**EYES:** Irritation, burning, tearing, and redness.

**SKIN:** Moderate irritation or defatting of skin upon prolonged or repeated contact.

**INGESTION:** Product is moderately toxic and may be harmful if swallowed; may produce central nervous system depression.

Ingestion may result in abdominal pain, nausea, vomiting and diarrhea. If vomiting occurs spontaneously, do not allow vomit to be breathed into the lungs as even a small quantity may result in aspiration pneumonia.

**INHALATION:** Vapors irritate mucus membranes. Excessive exposure to vapors can cause headache, nausea, and vomiting.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** Flush with cool water for at least 15 minutes. Call a physician.

**SKIN:** Remove contaminated clothing, wash skin with soap and water. Launder contaminated clothing before reuse.

**INGESTION:** Give victim 2 glasses of water and induce vomiting. NEVER ADMINISTER ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Get medical attention immediately.

**INHALATION:** Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician. **CARCINOGENICITY:** NTP CARCINOGEN: No **IARC MONOGRAPHS:** No **OSHA REGULATED:** No

## SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Dike spill area. Soak up with absorbent material and place in sealed metal containers for proper disposal.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state and federal EPA 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 NIOSH approved dust mask respirator under appropriate OSHA standards and regulations. A combination of both proper ventilation and respiratory protection would tend to eliminate most risks.

**VENTILATION:** Local exhaust is recommended. **PROTECTIVE GLOVES:** Recommended

**EYE PROTECTION:** Wear liquid chemical goggles. Contact lenses should not be worn.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eye wash facility and safety shower recommended. Long sleeve shirts and pants. **WORK/HYGIENIC PRACTICES:** Wash hands with soap and water after using and before eating.

## SECTION 9: REGULATORY INFORMATION

**D. O. T. PROPER SHIPPING NAME:** combustible liquid n.o.s.

**PROPER SHIPPING NAME:** combustible liquid n.o.s

**HAZARD CLASS:** combustible liquid n.o.s

**UN/NA ID NUMBER:** NA1993

**PACKING GROUP** PG III

## 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.