

MATERIAL SAFETY DATA SHEET

Epoxy.com PRODUCT # 671 PART A

PRODUCT NAME: EPOXY.COM PRODUCT #671 PART A
PRODUCT CODE:

HMIS CODES: H F R P
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

INFORMATION NUMBER: 352-489-1666

DATE PRINTED: 12/2008

NAME OF PREPARER: N. LAMBERT

SECTION 2: HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMER	OSHA PEL	ACGIH TLV	WT%	VAPOR PRESS
Liquid Epoxy	mixture	NE	NE	30-32	NE
Polyamide Resins	mixture	NE	NE	22-24	NE
Xylene	1330-20-7	100 ppm	100 ppm	6-9	5.1Hg@68deg.F
Propylene Glycol Monomethyl Ether	107-98-2	100 ppm	100 ppm	6-9	8Hg@68deg.F

Substances listed are present in concentrations 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

(*) 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° F
VAPOR DENSITY	: Heavier than Air
PERCENT VOLATILE BY VOLUME	: 23
VOC	
WEIGHT PER GALLON ((be)	: 10.7±.2
APPEARANCE AND ODOR	: Pigmented liquid with mild solvent odor
SPECIFIC GRAVITY (H2O=1)	
EVAPORATION RATE	: Slower than Ether

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 80° F

METHOD USED:

FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.0
UPPER:

EXTINGUISHING MEDIA: Foam, alcohol foam, CO2, dry chemical.

OSHA FLAMMABILITY CLASSIFICATION: Flammable Liquid IC

SPECIAL FIRE FIGHTING PROCEDURES: Wear a NIOSH/MSHA approved self contained breathing apparatus and full protective clothing. Use water to keep tire 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: Eye irritation and burning, tearing and redness.

INGESTION: Abdominal pain, nausea, vomiting and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

CARCINOGENICITY: NTP **CARCINOGEN:** NO **IARC MONOGRAPHS:** NO **OSHA REGULATED:** NO

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 HANDUNG 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

SARA TITLE III SECTION 313: **This** product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

CAS #	Chemical Name	Percent by Weight
1330-26-7	Xylene	10-15%

D. O. T. PROPER SHIPPING NAME: Resin Solution, flammable; 3; UN1 866; PG III

PROPER SHIPPING NAME: Resin Solution, flammable

HAZARD CLASS: Class 3; Flammable Liquid

UN/NA ID NUMBER: UN 1866

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# 671 B

PRODUCT NAME: EPOXY.COM PRODUCT #671 PART B
PRODUCT CODE: #671

HMS CODES: H F R P
3 1 0 -

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NAME OF PREPARER: N. Lambert

SECTION 2: HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	WT %	VAPOR PRESS.
Nonyl Phenol	25154-52-3	NE	NE	4-5	<2mm Hg. 0 68 deg. F
Polyamide Resins	Mixture	NE	NE	24-27	NE
Toluene	108-88-3	100 ppm	100 ppm	17- 20	22 Hg 0 68 deg. F
Propylene Glycol Monomethyl Ether	107-98-2	100 ppm	100 ppm	5-6	8 Hg © 88 deg. F

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 provided in 29 CFR 1910.1200.

NE - Not Established

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE	246° F
VAPOR DENSITY	Heavier than Air
PERCENT VOLATILE BY VOLUME	35
VOC	
WEIGHT PER GALLON (lbs)	10.9 ± .2
APPEARANCE AND ODOR	Amber liquid with solvent-amine odor
SPECIFIC GRAVITY (H2O=1)	
EVAPORATION RATE	Slower than Ether

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 80° F

METHOD USED:

FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.2
UPPER:

EXTINGUISHING MEDIA: Foam, alcohol foam, CO2, Dry Chemical

OSHA FLAMMABILITY CLASSIFICATION: Combustible liquid III B

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 ventilation to ignition sources at locations distant from material handling point. Pressure may build up in containers and create an explosion hazard.

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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: Headache, nausea, respiratory tract irritant.
SKIN: Severe irritation possible skin sensitizer. Can cause chemical burns, redness and swelling.
EYE: Irritation and burning of eyes, redness, swelling and possible chemical burns.
INGESTION: Abdominal pain, nausea, vomiting, diarrhea, throat and mouth burns. HEALTH HAZARDS (ACUTE AND CHRONIC):
CARCINOGENICITY: NTP CARCINOGEN: NO IARC **MONOGRAPHS:** NO **OSHA REGULATED:** NO

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 treatment immediately.
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WORK/HYGIENIC PRACTICES:

SECTION 9: REGULATORY INFORMATION

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PROPER SHIPPING NAME: Resin Solution, flammable

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