

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Epoxy.com Product #675
Elecro Static Dissapative WATER EMULSION FINISH PART A

HMIS CODES: H F R P
PRODUCT CODE: 675A

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:** 6/2010
INFORMATION NUMBER: 352-489-1666 **PREPARER:** N Lambert

SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	TLV	WT %	CARCINOGEN
Epoxy Resin	25068-38-6	NE	NE	80-90	NO
Benzyl Alcohol	100-51-6	NE	NE	20-30	NO

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

BOILING RANGE	Above 400° F
VAPOR DENSITY	Approx. 3.5 (Air = 1)
VAPOR PRESSURE	Less than 1 mm Hg @ 100° F
VOC	0.00
SOLUBILITY IN WATER	Very slight
APPEARANCE AND ODOR	Low viscosity clear liquid with a mild, pleasant aroma
SPECIFIC GRAVITY (H20=1)	1.11

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200° F
METHOD USED: Closed Cup
FLAMMABLE LIMITS IN AIR BY VOLUME **LOWER:** Not determined
UPPER: Not determined
EXTINGUISHING MEDIA: Foam, dry chemical CO 2
OSHA FLAMMABILITY CLASSIFICATION: Combustible liquid, Class III A
SPECIAL FIRE FIGHTING PROCEDURES: Decomposition and/or products of combustion may be toxic. Use self contained breathing equipment.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Decomposition and combustion products may be toxic.

SECTION 5: REACTIVITY DATA

STABILITY: Normally Stable
CONDITIONS TO AVOID: Elevated temperatures.
INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with strong oxidizing agents, strong acids, strong bases. Mixing large quantities (1 gallon) with amines or epoxy hardeners can cause heat build-up and hazardous reaction.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Monoxide, Carbon Dioxide, Phenolic Derivatives.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 6: HEALTH HAZARD DATA

HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

INHALATION: Exposure to vapors at elevated temperatures may cause irritation to respiratory tract and difficulty breathing.

EYE: May cause irritation to the eyes.

SKIN: A single exposure to the skin is unlikely to result in harm.

SKIN ABSORPTION: Repeated exposure to the skin can cause sensitization.

INGESTION: Oral toxicity is low. No hazards expected from normal industrial exposure.

HEALTH HAZARDS (ACUTE AND CHRONIC):

CARCINOGENICITY:

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

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Allergy, Eczema, or skin conditions.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush at once with potable water for at least 15 minutes.

SKIN: Wash with soap and warm water. Remove contaminated clothes. Wash before reuse. Destroy contaminated shoes.

INGESTION: Not likely to occur in normal handling. Give large quantities of water and get medical attention.

INHALATION: Remove to fresh air. Administer oxygen if breathing is difficult.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Avoid contact. Soak up with clay or other absorbent material. Place in covered container for disposal.

WASTE DISPOSAL METHOD: Dispose in an approved incinerator or an approved landfill.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid contact.

OTHER PRECAUTIONS: Keep containers tightly closed when not in use. If mixture of A and B are allowed to remain in the mixing vessel past the pot life deadline, heat and a strong reaction will result. Grinding or other abrasive action to cured film may develop Micro crystalline Silica dust. Wear a dust mask during such operations.

SECTION 8: CONTROL MEASURES

RESPIRATORY PROTECTION: Avoid breathing vapor mist or spray.

VENTILATION: Use with good ventilation.

PROTECTIVE GLOVES: Wear impervious gloves.

EYE PROTECTION: Wear splash-proof chemical goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Provide eye fountain and safety shower.

WORK/HYGIENIC PRACTICES: Wash hands thoroughly after use, before eating or smoking. Store in a cool, dry area.

SECTION 9: REGULATORY INFORMATION

SARA TITLE III SECTION 313: Unless shown below, this product does not contain 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
	None	

PROP 65 (CARCINOGEN): Unless shown below, this product does not contain chemicals known to the state of California to cause cancer.

CAS #	Chemical Name	Percent by Weight
	None	

PROP 65 (TERATOGENIC): Unless shown below, this product does not contain chemicals known to the state of California to cause birth defects or other reproductive harm.

CAS #	Chemical Name	Percent by Weight
	None	

PROP 65 (CARCINOGENIC & TERATOGENIC): Unless shown below, this product does not contain chemicals known to the state of California to cause cancer or birth defects or other reproductive harm.

CAS #	Chemical Name	Percent by Weight
	None	

HAZARDOUS WASTE INFORMATION: Unless shown below, this product is not a hazardous waste according to definitions found in CFR-40.

STATE OF MICHIGAN CRITICAL MATERIALS: Unless shown below, this product does not contain ingredients appearing on the State of Michigan Critical Materials List.

CAS #	Chemical Name	Percent by Weight
	None	

D.O.T. PROPER SHIPPING NAME: Synthetic Resin Liquid

PROPER SHIPPING NAME: Synthetic Resin Liquid

HAZARD CLASS: non-hazardous

UN/NA ID NUMBER:

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

PRODUCT NAME: Epoxy.com Product #675

Elecro Static Dissipative WATER EMULSION FINISH PART B

HMIS CODES:

H F R P

PRODUCT CODE: #675

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: 6/2010

INFORMATION NUMBER: 352-489-1666

PREPARER: N Lambert

SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	WT %	CARCINOGEN
Aliphatic Amine Mixture		NE	NE	10-20	NO
Isophoronediamine	2855-13-2	NE	NE	1-5	NO
Depending on color, one or more of the following may be present:					
Titanium Dioxide	13463-67-7		10 mg/m ³	1-5	NO
Black Iron Oxide	1317-61-9	10 ppm	10 mg/m ³	<1	NO
Red Iron Oxide	1332-37-2	10 ppm	10 mg/m ³	1-5	NO
Yellow Iron Oxide	51274-00-1	10 ppm	5 mg/m ³	<1	NO

The exposure limits shown above for pigments are for dust exposure. They are not known to be hazardous after blended into a liquid. Wet sanding is suggested to eliminate airborne dust, if product is machined or ground. The only other exposure limits established for ingredients of this product apply to nuisance dusts from inert fillers. These fillers are blended into a liquid and pose no hazard as supplied.

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

BOILING RANGE	212° F
VAPOR DENSITY	Not determined
VAPOR PRESSURE	Not determined
VOC	0
SOLUBILITY IN WATER	Dispersable
APPEARANCE AND ODOR	Pigmented liquid with a mild amine odor
SPECIFIC GRAVITY (H2O=1)	1.05

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NA

FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.3%
UPPER: 6.0%

EXTINGUISHING MEDIA: Not Applicable

OSHA FLAMMABILITY CLASSIFICATION: Not Applicable

SPECIAL FIRE FIGHTING PROCEDURES: Full protective equipment including self contained breathing apparatus should be used. Water spray may be ineffective. If water is used, for nozzles are preferable. Water may be used to cool closed containers to prevent build up and possible auto ignition or explosion when exposed to extreme heat.

UNUSUAL FIRE AND EXPLOSION HAZARDS: During Emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. Closed containers may explode (due to the build up of steam pressure) when exposed to extreme heat.

SECTION 5: REACTIVITY DATA

STABILITY: This product is stable under normal storage conditions.

CONDITIONS TO AVOID: Elevated temperatures.

INCOMPATIBILITY (MATERIALS TO AVOID): Amines Peroxides and Oxidizers

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Thermal decomposition and partial combustion may produce hazardous fumes which may contain the following materials: Carbon Monoxides

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Prolonged or repeated contact may cause skin and eye irritation.

HEALTH HAZARDS (ACUTE AND CHRONIC):

INHALATION: May cause irritation to upper respiratory tract.

SKIN: Prolonged contact may cause irritation.

EYE: Will cause injury that will persist for several days.

INGESTION: Can cause headaches and nausea.

CARCINOGENICITY:

NTP CARCINOGEN: No **IARC MONOGRAPHS:** No **OSHA REGULATED:** No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Repeated exposure to this product may cause eye and respiratory tract irritation and respiratory sensitization.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for at least 15 minutes. Get medical attention if irritation persists.

SKIN: Remove contaminated clothing. Wash exposed areas with soap and water.

INGESTION: Do not induce vomiting. Dilute with large amount of water. Seek medical attention.

INHALATION: In case of exposure to high vapor mist, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dike spill, absorb with inert material and collect for disposal. Prevent washing from entering waterways before being neutralized.

WASTE DISPOSAL METHOD: Observe local, state and Federal regulations for disposal.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool, dry, well ventilated area. Protect container against physical damage. Keep container away from incompatible material (see section 5).

OTHER PRECAUTIONS: Wash thoroughly after handling. Do not wear any contaminated clothing or shoes. Use good personal hygiene practices.

SECTION 8: CONTROL MEASURES

RESPIRATORY PROTECTION: Recommended if the product is misted.
VENTILATION: Local exhaust.
PROTECTIVE GLOVES: Wear rubber gloves to prevent direct contact.
EYE PROTECTION: Wear splash-proof safety goggles.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash & safety shower.
WORK/HYGIENIC PRACTICES: Wash thoroughly after handling. Do not wear contaminated clothing or shoes. Use good personal hygiene practices.

SECTION 9: REGULATORY INFORMATION

D. O. T. PROPER SHIPPING NAME: Water-Based Resin

PROPER SHIPPING NAME: Water-Based Resin

HAZARD CLASS: non-hazardous

UN/NA ID NUMBER:

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.