

MATERIAL SAFETY DATA SHEET

IDENTITY: Epoxy.com #305 (EPOXY INJECTION COMPOUND)
(A-COMPONENT)

Section 1

Manufacturer' Name:
EpoxySystems, Inc.
Address
20774 West Pennsylvania Ave
Dunnellon, FL 34431

Emergency Telephone Number:
800-633-8253 (PERS)
Telephone Number for Information:
352-489-1666
6/2010

Section II--- Hazardous Ingredients/Identity Information

<u>Hazardous Components</u>	<u>CAS #.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits recommended</u>	<u>% (optional)</u>
Bisphenol A based Epoxy	25068-38-6	not established			100%

Section III --- Physical/Chemical Characteristics

Boiling Point: 392 Deg. F

Specific Gravity (H20 = 1): 1.1 at 77 deg. F

Vapor Pressure (mm Hg): not data

Melting Point: not applicable

Vapor Density (Air = 1): > 1.0

Evaporation Rate (Butyl Acetate = 1): no data

Appearance and Odor : Clear Liquid Mixture

Weight per Gallon :9.1 pounds.

V.O.C. ---- 0.0 grams per liter

Section IV --- Fire and Explosion Hazard Data

Flash Point (Method Used): >200 deg.F.

Flammable Limits: LEL: no data

UEL: no data

Extinguishing Media: In case fire use extinguishing media such as foam, dry chemical, carbon dioxide and water spray to cool the drums.

Special Fire Procedures: Wear protective equipment and clothing in case of fire. Avoid inhalations of any vapors during the fire.

Unusual Fire and Explosion Hazards: None known.

Section V --- Reactivity Data

Stability: Stable

Conditions to Avoid : Avoid extreme temperature conditions, Strong acids and bases in bulk.

Incompatibility (Materials to Avoid): Avoid contact with strong acids and oxidizing agents.

Hazardous Decomposition or By-products : In case of burning/ fire oxides of carbon and nitrogen may evolve.

Hazardous Polymerization : Will not Occur

Section VI --- Health Hazard Data

Routes of Entry: Inhalation? yes Eyes? yes Skin? yes Ingestion? yes

Health Hazards (Acute and Chronic):

Contact with eyes and skin may cause irritation and burns. Inhalation may cause respiratory tract irritation.

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

Signs and Symptoms of Exposure: skin reddening, rashes or dermatitis. May be harmful to eyes and cause irritation with tearing and redness.

Medical Conditions Generally Aggravated by Exposure: Prolonged or repeated exposure may cause allergic skin reactions.

Emergency and First Aid Procedures::

Eyes: Flush eyes with plenty of water for at least 15 minutes. Consult a physician.

Skin: Wash area of contact with soap and water. Consult physician if irritation persists. remove contaminated clothes and launder before reuse.

Inhalation: Remove person to fresh air. If person is not breathing, give artificial respiration. Get medical help immediately.

Ingestion: Consult physician immediately. Do not induce vomiting.

Section VII --- Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Absorb product with inert material (sand, vermiculate, etc.) and place in a suitable container for disposal. Flush area with plenty of water, immediately. Prevent washing from entering waterways.

Waste Disposal Method: Dispose in accordance to federal, state, and local regulations.

Precautions to be taken in Handling and Storing: Do not store above 120 deg. F. Store in dry cool location. The product may crystallize if stored below 60 deg.F.

Other Precautions: Avoid contact with eyes, skin or clothing. Wash before eating, drinking or smoking.

Section VIII --- Control Measures

Respiratory Protection: Use with adequate ventilation. Wear respirators for precaution from inhalation of vapors during high temperatures.

Ventilation: Local Exhaust: advisable **Special:** N/A

Mechanical (General): advisable **Other:** N/A

Protective Gloves: neoprene, nitrile, pva gloves. **Eye Protection:** chemical safety goggles/glasses

Other Protective Clothing or Equipment: wear coveralls, aprons to avoid any body contact, or appropriate work clothing.

Work/Hygienic Practices: Wash before eating, drinking or smoking. Launder contaminated clothes before reusing them.

Transportation : not regulated

Section IX --- Regulatory Information

Federal Regulations:

SARA Title III: (Section 313 Toxic Chemical):

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Concentration</u>
None known		

State Regulations:

California Proposition 65:

The following detectable components of this product are substances, or belong to classes of substances, known to the State of California to cause cancer and/or reproductive toxicity.

<u>Chemical Name</u>	<u>CAS Number</u>
None known	

HMIS Classification: Health 1, Fire 1, Reactivity 0, Protection B.

MATERIAL SAFETY DATA SHEET

IDENTITY: Epoxy.com PRODUCT #305 (EPOXY INJECTION COMPOUND)
(B-COMPONENT)

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Address

20774 West Pennsylvania Ave

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Date Prepared: **October, 2003**

Revised Date:

6/2010

Section II--- Hazardous Ingredients/Identity Information

<u>Hazardous Components</u>	<u>CAS #.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u> <u>recommended</u>	<u>% (optional)</u>
Reaction product with	68953-36-6	not established			45-55
		<u>Tetraethylenepentamine</u>			
Diethylenetriamine	111-40-0	1ppm	1ppm/TWA	4ppm/STEL	5-15
Tetraethylenepentamine	112-57-2	not established			5-15
Bisphenol A	80-05-7	not established			0-10
Alkyl Phenol	25154-52-3	not established			40-60

Section III --- Physical/Chemical Characteristics

Boiling Point: 300 - 500 deg. F.

Specific Gravity (H2O = 1): 0.98 - 1.0

Vapor Pressure (mm Hg): not data

Melting Point: not applicable

Vapor Density (Air = 1): > 1.0

Evaporation Rate (Butyl Acetate = 1): no data

Appearance and Odor : amine like odor, amber clear liquid mixture

Weight per Gallon :8.10 - 8.20 pounds.

V.O.C. ---- 0.0 grams per liter

Section IV --- Fire and Explosion Hazard Data

Flash Point (Method Used): > 200 deg.F.

Flammable Limits: LEL: no data UEL: no data

Extinguishing Media: In case fire use extinguishing media such as foam, dry chemical, carbon dioxide and water spray to cool the drums.

Special Fire Procedures: Wear protective equipment and clothing in case of fire. Avoid inhalations of any vapors during the fire.

Unusual Fire and Explosion Hazards: Non known.

Section V --- Reactivity Data

Stability Stable

Conditions to Avoid : Avoid extreme temperature conditions, acids and oxidizing agents.

Incompatibility (Materials to Avoid): Avoid contact with strong acids and oxidizing agents.

Hazardous Decomposition or By-products : In case of burning/ fire oxides of carbon and nitrogen may evolve.

Hazardous Polymerization : Will not Occur

