



HIGH PERFORMANCE EPOXY 100 - PART A

SECTION I: IDENTIFICATION

EZCHEM, Inc.
141 Railroad St., Suite 117
Canton, GA 30114

Emergency Telephone Number: 1-800-535-5053
Telephone Number for Information: 770-479-1764

Product Name: High Performance Epoxy 100 - Part A
Product Use: Sealer Resin

SECTION II: HAZARD IDENTIFICATION

Signal Word: WARNING

Hazard Classification:

Acute Toxicity, Oral, Category 4
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Irritation, Category 2B

Hazard Statements:

H302 - Harmful if swallowed.
H315 - Causes skin irritation.
H320 - Causes eye irritation.

Precautionary Statements:

P202 - Do not handle until all safety precautions have been read and understood.
P264 - Wash skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P301+P315+P330+P331 - IF SWALLOWED: DO NOT induce vomiting. Rinse mouth with water. Get Immediate Medical Help.
P303+P313/332+352+P361+P363 - IF ON SKIN (or hair): Remove immediately all contaminated clothing. Wash before reuse. Wash with plenty of soap and water. If irritation occurs, Get Medical Attention.
P304+P340+P342 - IF INHALED: If experiencing any respiratory symptoms, remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing difficulties continue, Get Medical Help.
P305+P337/313+P338 - IF IN EYES: Flush thoroughly with water for 15 minutes, lifting both eyelids. Remove contact lenses if present and easy to do. If eye irritation persists, Get Medical Attention.
P501 - Dispose of contents/container to an approved waste disposal plant.

Hazard Pictograms:



SECTION III: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components:	CAS No.	Percentage %
Bisphenol A epoxy resin	25085-99-8	85-95%
Tert-butyl acetate	540-88-5	8-10%
p-tert-butylphenyl 1-(2,3 epoxy) propyl ether	3101-60-8	1-2%



SECTION IV – FIRST AID MEASURES

General Information: Immediately remove any clothing soiled by the product and launder before reuse.

After inhalation: Remove to fresh air. If breathing difficulties continue, **Get Medical Help.**

After skin contact: Wash thoroughly with soap and water. Remove and launder contaminated clothing before reuse.

After eye contact: Immediately flush with water thoroughly for 15 minutes, lifting both eyelids. **Get Medical Help.**

After ingestion: Do Not Induce Vomiting. **Get Immediate Medical Help.**

Most Important Symptoms and Effects:

Acute: Ingestion.

Delayed: NE

SECTION V – FIRE AND EXPLOSION HAZARD DATA

Suitable Extinguishing Media: Dry chemical, Foam or Water fog or fine spray or CO₂

Unsuitable Extinguishing Media: None known

Fire Hazard: Flammable

Explosion Hazard: None

Reactivity: Not reactive.

Products of Combustion: Phenolics, CO, and CO₂

Special Hazards Arising from the Substance or Mixture: May produce dense smoke if burning.

Special Remarks and Advice for Firefighters: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear protective equipment (See section VIII). Keep unprotected persons away.

Methods and material for containment and cleaning up:

Spill Response: Keep out of irrigation ditches and sewers. Absorb on dry media and store in a sealable container. Remove residual material with hot soapy water.

Waste Disposal: Dispose of in a hazardous waste facility according to local and federal regulations.

Environmental precautions: Keep out of drainage ditches and all waterways.



Safety Data Sheet
May be used to comply with OSHA's Hazard
Communication Standard (HCS), 29 CFR 1910, 1200.
Standard must be consulted for specific requirements.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Handling

Precautions for safe handling: Wash hands after using. Do not contaminate food or feed stuff.

Additional Hazards: None known.

Hygiene Measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Storage

Storage Conditions: Store in sealed original container.

Storage Area: Store at room temperature.

Incompatible Products and Materials: Strong oxidizing agents, alkalis.

SECTION VIII – EXPOSURE CONTROL MEASURES

Exposure Limits: NE

Appropriate Engineering Controls: General ventilation.

Personal Protective Equipment:



Hand: Protective Gloves

Eye: Safety Glasses

Skin and Body: None required.

Respiratory: None required.

Additional Information: None.



SECTION IX – PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance	Form: Liquid Color: Colorless Odor: Mild Solvent
pH-value:	NA
Boiling Point/Boiling Range:	5% at ~40°C
Freezing Point:	NA
Flash Point:	NA
Auto Igniting:	Product is not self-igniting.
Vapor Pressure:	NE
Vapor Density:	NA
Viscosity:	NA
Solubility:	Insoluble
Evaporation Rate:	NE
Flammability:	Combustible
Decomposition Temperature:	NE

SECTION X – REACTIVITY DATA

Conditions to be avoided: Temperatures about 60°C
Incompatible materials: Avoid strong acids, alkalis and strong oxidizing agents
Hazardous Decomposition Products: CO, organic vapors.
Reactivity: Not reactive.
Chemical Stability: Stable.
Possibility of Hazardous Reactions: None known.

SECTION XI – TOXICOLOGICAL INFORMATION

Acute toxicity: Harmful if swallowed.
Likely Route of Exposure:
Exposure Symptoms:
 Eyes: May cause irritation.
 Skin: Irritation, may cause allergic reaction, and sensitization.
 Inhalation: Not likely a problem.
 Ingestion: Stomach upset, nausea.
Effects (Short-term, Long-term):
 Immediate: Ingestion.
 Delayed: Skin contact.
 Chronic: May cause heritable genetic damage.
Carcinogenicity: No.
Sensitization: No sensitizing effects known.



SECTION XII - ECOLOGICAL INFORMATION

Aquatic toxicity: Toxic to aquatic life with long lasting effects.
Persistence and Degradability: No further relevant information available.
Behavior in Environmental Systems: No further relevant information available.
Bioaccumulative Potential: No further relevant information available.
Mobility in Soil: No further relevant information available.
Other Adverse Effects: None.

SECTION XIII - DISPOSAL CONSIDERATIONS

Recommendation: Dispose of as non-hazardous waste.
Recommended Cleansing Agent: Detergent and water.
Additional Information: Refer to Section 8

SECTION XIV – TRANSPORT INFORMATION

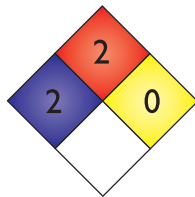
UN-Number: Not Regulated
UN Proper Shipping Name:
Transport Hazard Class:
Packing Group:
Environmental Hazards:

Additional Information:

Special Precautions for User:

SECTION XV - OTHER REGULATORY INFORMATION

NFPA Ratings (Scale 0-4)



Health: 2
Fire: 2
Reactivity: 0

SECTION XVI - OTHER INFORMATION

Last Updated: 6/1/2015

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