MATERIAL SAFETY DATA SHEET

Innovative Concrete Technology Corp. **Updated 04/02/2007**
2410 McJunkin Rd.
Lakeland, FL 33801

Emergency Telephone: 888-296-5236

Section 1 - Product Information

Product Name: Crystal Clear Epoxy Seal (A component)
Description: Epoxy Resin Formulation
Synonyms: None
Molecular Formula: N/A
Chemical Family:

Section 2 - Hazardous Ingredients

Chemical Names(s):	CAS Number	OSHA PEL
Epoxy Resin >60%	25085-99-8	

Section 3 - Physical Properties

Description: Reaction product of Epichorihydrin and Bisphenol A
Specific Gravity: 1.16
PH: N/A
Boiling Point: N/A
Appearance: Water White to yellow liquid
Solubility in water: Negligible
Evaporation Rate (BAc = 1): N/A

Section 4 - Fire and Explosion Data

Flash Point: >485 F (PMCC)
Extinguishing Media: Use water fog, Foam, CO2 or dry chemical extinguishing media.
Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus and turn out gear.
Unusual Hazards: Decomposition and combustion products may be toxic
Inhalation: Irritation, sensitization and dermatitis
Ingestion: May cause gastrointestinal distress or irritation.
Skin: Prolonged and repeated contact may cause irritation and result in sensitization and allergic reaction.
Eyes: Vapor may cause irritation, redness and tearing. Liquid may cause sever irritation with possible irreversible injury.

Section 5 - Health Effects

Eye: Minor transient irritation, No corneal injury likely
Skin: Contact: May cause allergic skin reaction in susceptible individuals. Prolonged exposure is not likely to cause significant skin irritation. Repeated exposure may cause skin irritation.
Skin Absorption: A single prolonged exposure is not likely to result in the material being absorbed through the skin.
Ingestion: Low acute oral toxicity. No hazards anticipated from ingestion incidental to industrial exposure.
Inhalation: Vapors are unlikely due to physical properties. Not a problem unless heated to high temperature.
Systemic and Other Effects: Except for skin sensitization, repeated exposure to low molecular weight epoxy resins of this type are not anticipated to cause any significant adverse effects. A poorly characterized sample of low molecular weight epoxy resin of this type has been reported to produce skin cancer in a highly sensitive strain of mouse. However, high levels of impurities compromise the validity of the findings. Epoxy resin that is representative of current manufacturing processes in not believed to be a cancer hazard to humans.

First Aid Procedures:

Skin: Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.
Eyes: Immediately rinse eyes with running water for 15 minutes. If irritation develops, get medical attention.
Ingestion: If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.
Inhalation: Move to fresh air. Aid in breathing, if necessary and get immediate medical attention.

Section 6 - Reactivity Data

Stability Data: Excess heating over long periods of time degrades the resin.
Incompatibility: Specific materials to avoid: Base
Hazardous Polymerization: Does not occur by itself but masses more than one pound plus aliphatic amine will cause irreversible polymerization with considerable heat build up.
Hazardous Decomposition Products: The by products expected in the incomplete pyrolysis or combustion of epoxy resins are mainly phenolics, carbon monoxide and water. ‘’the thermal decomposition products therefore should be treated an potentially hazardous substances and appropriate precautions should be taken.
Oxidizer Properties: Not an oxidizer.

Section 7 - Personal Protection

Clothing: Gloves, coveralls, apron and boots as necessary to prevent contact.
Eyes: Chemical goggles; also wear a face shield if splashing hazard exists.
Respiration: If vapors or mist are generated, wear a NIOSH/MSHA approved if allergies to said product exist.
Ventilation: Open all doors windows to allow for adequate air flow and circulation.

Hands, Arms, Body: Rubber or Polyethylene gloves and full body covering clothing.

Section 8 - Spill and Leak/Environmental

Spills should be contained and placed in suitable containers for disposal in a licensed facility. Residual may be cleaned using steam or hot soapy water.
Waste Disposal: Incinerate or bury as a solid in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.
Container Disposal: Recommend crushing or other means to prevent unauthorized reuse.

Section 9 - Regulatory Information

RCRA Hazardous Waste Number: N/A
CERCLA: No

HAZARD RATING: Health- 1 Fire- 1 Reactivity- 0 Special: NA

This product is not a physical hazard according to the OHSA Hazard Communication Standard;

The information contained herein is to our knowledge true and accurate. All recommendations and suggestions are made without guarantee, since the conditions of use are beyond our control.

MATERIAL SAFETY DATA SHEET

Innovative Concrete Technology Corp. **Updated: 04/02/2007**
2410 McJunkin Rd.
Lakeland, FL 33801

Emergency Telephone: 888-296-5236

Section 1 - Product Information

Product Name: Crystal Clear Epoxy Seal (B component)
Description: Cycloaliphatic Amine
Synonyms: None
Molecular Formula: Mixture
Chemical Family: Amidoamine

Section 2 - Hazardous Ingredients

Chemical Names(s):	%	CAS Number
Cycloaliphatic Amine	<50	Trade Secret
Benzyl Alcohol	<50	100-51-6
Polyetheramine	<50	Trade Secret

Section 3 - Physical Properties

Color: Pale Straw
Odor: Amine
Description: Mobile Liquid
Vapor Density: 5.88
Boiling Point: > 401 F
Specific Gravity: 1.00
Vapor Pressure: 0.02mmHG @20C
Solubility in water: Moderately soluble

Section 4 - Fire and Explosion Data

Flash Point: 213 F (PMCC)
Extinguishing Media: Use water fog, Foam, CO2 or dry chemical extinguishing media.
Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus and turn out gear.
Flammable limits:
UFL:Not determined
LFL: Not determined

Fire &Explosion Hazards: Use full protective clothing
Fire Fighting Equipment: Use a positive pressure, self contained breathing apparatus.

Section 5 - Health Effects

Eye: May cause severe irritation with corneal injury, which may result in permanent impairment of vision even blindness. Vapors may irritate eyes.
Skin Contact: May cause severe injury to skin following prolonged or repeated contacts and may cause skin sensitization or other allergic responses.
Skin Absorption: A single prolonged exposure may result in the material being absorbed through in harmful amounts.
Ingestion: Single dose oral toxicity is low. Ingestion may cause gastrointestinal irritation or ulcerization. Ingestion may cause burns to the mouth and throat.
Inhalation: May cause respiratory sensitization or asthma in susceptible individuals. .
Systemic and Other Effects: Results if in vitro (test tube) mutangenicity tests have been negative.

First Aid Procedures:

Skin: Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.
Eyes: Immediately rinse eyes with running water for 30 minutes. Promptly seek medical attention.
Ingestion: Do not induce vomiting. Give large amounts of water or milk if available and transport to a medical facility.
Inhalation: Move to fresh air. Aid in breathing, if necessary and get immediate medical attention.

Note to physician: Corrosive may cause stricture. If ravage is performed, suggest endotracheal and/or esophagoscopic control. If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Supportive care: Treatment based on judgment of the physician in response to reactions of the patient.

Section 6 - Reactivity Data

Stability Data: Can react strongly with epoxy resins at elevated temperatures
Incompatibility: Epoxy resins under uncontrolled conditions..
Hazardous Polymerization: Does not occur.
Hazardous Decomposition Products: Nitrogen oxides when burned
Oxidizer Properties: Not an oxidizer.

Section 7 - Personal Protection

Clothing: Gloves, coveralls, apron and boots as necessary to prevent contact. Remove contaminated clothing immediately, wash skin area with soap and water. Launder clothes before reuse. Contaminated leather items such as shoes, belts and watchbands should be removed and destroyed.
Eyes: Chemical goggles; also wear a face shield if splashing hazard exists. Eyewash fountain should be located in immediate work area.
Respiration: Atmospheric levels should be maintained below the exposure guideline . When respiratory protection is required for certain operations, use an approved air purifying respirator.

Ventilation: Open all doors windows to allow for adequate air flow and circulation. Local exhaust ventilation may be necessary for some operations.

Section 8 - Spill and Leak/Environmental

Spills should be contained and placed in suitable containers for disposal in a licensed facility. This material is not regulated by RCRA or CERCLA.
Waste Disposal: Incinerate or bury as a solid in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

Container Disposal: Recommend crushing or other means to prevent unauthorized reuse.

Other Emergency Advice: Wear protective clothing, boots, gloves and eye protection.

Section 9 - Regulatory Information

HAZARD RATING: Health- 2 Fire- 1 Reactivity- 0 Special: NA

This product is not a physical hazard according to the OHSA Hazard Communication Standard;

The information contained herein is to our knowledge true and accurate. All recommendations and suggestions are made without guarantee, since the conditions of use are beyond our control.