

MATERIAL SAFETY DATA SHEET

Innovative Concrete Technology Corp.

Updated 09/19/2008

2410 McJunkin Rd.
Lakeland, FL 33801

Emergency Telephone: 888-296-5236

Section 1 - Product Information

Product Name: Ure Seal (A component)

Description: Polyurethane Dispersion

Synonyms: None

Molecular Formula: N/A

Chemical Family:

Section 2 - Hazardous Ingredients

Chemical Names(s):	CAS Number
A) Amine (<4%)	Trade Secret
B) Glycol Ether (<10%)	Trade Secret

No OSHA or CGIH limits have been set for these materials

Section 3 - Physical Properties

Description: Polyurethane Dispersion

Specific Gravity: 1.1

PH: N/A

Boiling Point: 200°F

Appearance: White, milky

Solubility in water: Good

Evaporation Rate: NIL

Section 4 - Fire and Explosion Data

Flash Point: >200 F

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 severe 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.

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: May cause gastrointestinal distress or irritation ulceration. Drink large quantities of water. Consult a physician.

Inhalation: Move to fresh air. Aid in breathing, if necessary and get immediate medical attention.

Section 6 - Reactivity Data

Stability Data: Stable

Hazardous Polymerization: Does not occur.

Hazardous Decomposition Products: CO, CO₂, Not as a result of thermal decomposition.

Incompatible Materials: Strong oxidizers, Acids and Isocyanates.

Section 7 - Personal Protection

Respiration Equipment: Organic Chemical cartridge respirator, if needed.

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. Product is toxic to fish, aquatic invertebrates, aquatic plants and microorganisms.

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- 2 Fire- 1 Reactivity- 0 Special: NA

This product is not a physical hazard according to the OSHA 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.

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Section 1 - Product Information

Product Name: **Ure Seal (B component)**

Description: Cycloaliphatic Amine

Synonyms: None

Molecular Formula: Mixture

Chemical Family: Amidoamine

Section 2 - Hazardous Ingredients

Chemical Names (s)	%	CAS Number	TLV-TWA
Polymeric Hexamethylene Diisocyanate	<75	28182-81-2	0.5 mg/M3
Hexamethylene Diisocyanate	<.25	822-06-0	0.02 PPM

Section 3 - Physical Properties

Color: Milky White

Odor: Mild

Description: Liquid

Vapor Density: Heavier than air

Boiling Point: > 401 F

Specific Gravity: 1.05

Vapor Pressure: Not Established

Solubility in water: Slightly soluble

Section 4 - Fire and Explosion Data

Flash Point: 375 F (TCC)

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.

Fire & Explosion Hazards: Use full protective clothing, decomposition and combustible products may be toxic.

Fire Fighting Equipment: Use a positive pressure, self contained breathing apparatus.

Section 5 - Health Effects

Eye: Vapors may cause irritation, redness and tearing. Liquids may cause severe irritation with possible irreversible injury.

Skin: May cause severe injury to skin following prolonged or repeated contacts and may cause skin sensitization or other allergic responses.

Ingestion: Ingestion of excessive amounts may cause irritation of the digestive tract and signs of nervous system depression.

Inhalation: May cause respiratory sensitization or asthma in susceptible individuals. May also cause runny nose, sore throat, shortness of breath and reduced lung function.

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. Promptly seek medical attention.

Ingestion: Do not induce vomiting. If swallowed seek emergency medical attention. If victim is drowsy or unconscious, place in the left side with head down. If possible, do not leave victim unattended.

Inhalation: Move to fresh air. Aid in breathing, if necessary and get immediate medical attention.

Section 6 - Reactivity Data

Stability Data: Stable

Incompatibility: This product is incompatible with water, strong acids or bases, oxidizing agents and selected amines.

Hazardous Polymerization: Does not occur.

Hazardous Decomposition Products: co,co2 not as a result of thermal decomposition.

Oxidizer Properties: Not an oxidizer.

Conditions to Avoid: Avoid contact with water.

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: Organic chemical cartridge respirator.

Skin: Where contact is likely, wear chemical resistant gloves, rubber boots and chemical safety goggles, plus a face shield.

Hygienic Practices: Wash hands before eating. Ground and bond containers when transferring material.

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 OSHA 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.