



# MATERIAL SAFETY DATA SHEET

## EVEREK INJECTEPOXY - PART A

Revised: May 1<sup>st</sup>, 2009

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Hazardous according to criteria of NOHSC

### SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product (Material) Name:** Everek Injectepoxy - Part A  
**Other names:** Injectepoxy Base  
**Recommended Use:** Low viscosity resin sealer for repair of cracks and porosity in concrete.  
**Supplier:** CTI Consultants Pty Ltd  
ACN 003 824 815 ABN 56 003 824 815  
**Address:** 4 Rothwell Avenue, CONCORD WEST NSW 2138  
**Telephone:** (02) 9736 3911  
**Fax:** (02) 9736 3287  
**Emergency Telephone:** (02) 9736 3911 (b.h.) / (02) 9683 5836 (a.h.) / 0418-276-819 (24 hours)

### SECTION 2 HAZARDS IDENTIFICATION

**Overall hazardous nature:** **HAZARDOUS SUBSTANCE** according to the criteria of NOHSC.  
NON-DANGEROUS GOODS.  
**Risk phrases:** **Xi (Irritant)**  
R36/38 Irritating to eyes and skin.  
R43 May cause sensitisation by skin contact  
**Safety phrases:** S24/25 Avoid contact with skin and eyes  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S28 After contact with skin, wash immediately with plenty of soap-suds.  
S37/39 Wear suitable protective gloves and eye/face protection  
**Poisons Schedule:** Schedule 5 (Standard for the Uniform Scheduling of Drugs & Poisons)

### SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Ingredients:** Blend of epoxy resin and low viscosity reactive diluents.

#### Hazardous Ingredients:

| <i>Material</i>             | <i>C.A.S. No.</i> | <i>Proportion</i> |
|-----------------------------|-------------------|-------------------|
| Epoxy resin                 | 25085-99-8        | 45-60%            |
| Epoxy resin                 | 28064-14-4        | 10-25%            |
| Hexanediol diglycidyl ether | 16096-31-4        | 15-25%            |
| Reactive epoxy diluent      | 68609-97-2        | 5-15%             |

### SECTION 4 FIRST AID MEASURES

**Eye Contact:** In case of eye contact, rinse carefully and thoroughly with water for 15 minutes and seek prompt medical advice.  
**Skin Contact:** In case of skin contact, wipe off excess material with a clean rag or absorbent towel, and wash skin thoroughly with soap and flowing water. Remove contaminated clothing and launder before re-use. Discard contaminated foot-wear.  
**Swallowed:** Should the product be swallowed, do NOT induce vomiting. Give a glass of water. Call a doctor or transport to hospital promptly.  
**Inhaled:** If effects of inhalation occur, remove to fresh air and seek medical attention.  
**First Aid Facilities:** Eye wash station. Showering facility.

**Advice To Doctor:** No specific antidote. Supportive care. Treatment based on the judgement of the doctor in response to the reactions of the patient. Skin contact may cause dermatitis. Treat as any contact dermatitis.

### **SECTION 5 FIRE FIGHTING MEASURES**

**Flammability:** Non-flammable liquid. Will support combustion.  
**Suitable extinguishing media:** Extinguish with dry powder, CO<sub>2</sub>, foam or sprayed water jet.  
**Fire-Explosion Hazards:** Drums or pails may rupture when exposed to fire conditions.  
**Hazards from combustion products:** includes phenolics, carbon monoxide and water.  
**Hazchem Code:** Not applicable  
**Special Protective Precautions:** Fire fighters to wear positive pressure self-contained breathing apparatus.

### **SECTION 6 ACCIDENTAL RELEASE MEASURES**

Remove excess material by mechanical means such as scraping up with a shovel. Soak up wastes or spills in an absorbent material such as sand or saw-dust. Place in secure containers for disposal. Burn in an adequate incinerator or bury in an approved landfill in accordance with State or Local Government regulations.

### **SECTION 7 HANDLING AND STORAGE**

**Ventilation:** Provide general or local exhaust ventilation to control airborne exposure.  
**Storage:** Store in a cool place away from heat and ignition sources. Keep partially used containers well closed. Store away from food-stuffs, clothing and amines. Keep out of reach of children.

### **SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Limits:** No exposure standard allocated.  
**Biological Limit Values:** No biological limit allocated  
**Ventilation:** Provide general or local exhaust ventilation to control airborne exposure.  
**Personal Protection:**  
Respiratory: Not required for normal use. For emergency conditions, use an approved positive pressure self-contained breathing apparatus.  
Hands and Skin: Wear body covering clothing. Protect hands with impervious gloves. Wear boots. A safety shower should be located nearby.  
Eyes: Wear chemical goggles. An eye-wash station should be located nearby.

### **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Pale Yellow, odourless, low viscosity liquid  
**Volatile Content:** < 1%  
**Boiling Point:** > 300°C  
**Specific Gravity:** 1.06  
**Flashpoint:** Not determined, >154°C (Pensky-Martens Closed Cup)

### **SECTION 10 STABILITY AND REACTIVITY**

**Chemical stability:** Stable in normal conditions  
**Incompatible materials:** Avoid contact with oxidising materials, acids and bases and unintended contact with amines.  
**Hazardous reactions:**  
**Conditions to avoid:** Heat.

### **SECTION 11 TOXICOLOGICAL INFORMATION**

**Swallowed (Acute):** Acute oral toxicity has not been determined. Acute oral toxicity (rat) for individual components are each in excess of 2000 mg/kg.  
**Skin Contact (Acute):** A single prolonged exposure is not likely to result in absorption through the skin in harmful amounts.  
**Eye Contact (Acute):** May cause slight temporary eye irritation. Corneal injury is unlikely.  
**Inhaled (Acute):** Not an inhalation hazard at ambient temperatures.  
**Chronic:** May cause dermatitis or may result in skin sensitisation in certain individuals. Corneal injury may result from prolonged or repeated eye contact. Prolonged exposure to high concentration of vapours may affect the central nervous system.

## **SECTION 12 ECOLOGICAL INFORMATION**

|                                      |  |
|--------------------------------------|--|
| <b>Ecotoxicity:</b>                  | Material should not be allowed to enter waterways, stormwater drains or sewers. Expected to be moderately toxic to aquatic organisms on an acute exposure basis. |
| <b>Persistence/biodegradability:</b> | Not readily biodegradable  |
| <b>Mobility:</b>                     | Potential for mobility in soil is low  |
| <b>Environmental fate:</b>           | No data  |
| <b>Bioaccumulative potential:</b>    | No data  |

## **SECTION 13 DISPOSAL CONSIDERATIONS**

|                  |   |
|------------------|---|
| <b>Disposal:</b> | Unrequired material should be mixed with recommended hardener or base in suitable containers, allowed to set hard and be disposed of as general waste |
|------------------|---|

## **SECTION 14 TRANSPORT INFORMATION**

|                                 |   |
|---------------------------------|---|
| <b>Transport:</b>               | This product is not classified as a dangerous good in the Australian Dangerous Goods Code by reference to a specific substance name or a generic substance name or group. |
| <b>Dangerous Goods Class:</b>   | Not applicable  |
| <b>UN Proper Shipping Name:</b> |   |
| <b>UN Number:</b>               | None allocated  |
| <b>Hazchem Code:</b>            | Not applicable  |

## **SECTION 15 REGULATORY INFORMATION**

|                          |   |
|--------------------------|---|
| <b>Poisons Schedule:</b> | Schedule 5 (Standard for the Uniform Scheduling of Drugs & Poisons) |
|--------------------------|---|

## **SECTION 16 OTHER INFORMATION**

|                          |                           |
|--------------------------|---------------------------|
| Date of MSDS Preparation | 1 <sup>st</sup> May, 2009 |
|--------------------------|---------------------------|

### **PLEASE READ**

*This material safety data sheet conforms to the guidelines issued by NOHSC. Its purpose is to allow the safe use of this product, and to alert users to any possible hazards associated with its use. All data quoted herein is typical for the product but does not constitute guaranteed analysis nor a product specification and is based on the most accurate information available at the time of writing. All information is given in good faith but may be subject to change without notice.*