



# MATERIAL SAFETY DATA SHEET

## EVEREK INJECTEPOXY - PART B

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 B  
**Other names:** Injectepoxy Hardener  
**Recommended Use:** Curing agent for epoxy primer for 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.  
**DANGEROUS GOODS.**  
**Risk Phrases:** **C CORROSIVE**  
R21/22 Harmful in contact with skin and if swallowed  
R34 Causes burns  
R43 May cause sensitisation by skin contact  
**Safety Phrases:** S2 Keep out of reach of children  
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.  
S36/37/39 Wear suitable protective clothing, glove and eye/face protection.  
S38 In case of insufficient ventilation, wear suitable respiratory equipment.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
**Poisons Schedule:** Schedule 5 (Standard for the Uniform Scheduling of Drugs & Poisons)

### SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Ingredients:** Blend of cycloaliphatic amines

#### Hazardous Ingredients:

<i>Material</i>	<i>C.A.S. No.</i>	<i>Proportion</i>
Isophorone Diamine	2855-13-2	45 - 60 %
Benzyl Alcohol	100-51-6	15 - 30 %
Aliphatic Diamine	1477-55-0	5 - 15 %
Polyoxyalkyleneamine	9046-10-0	15 - 30 %

### 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. Do not use solvents to clean skin. 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:** Components of this formulation are corrosive to tissue. If product is in eyes, check for corneal injury. The attending physician should decide if vomiting is to be induced if product has been swallowed. If burns are present, treat as thermal burn after cleaning wound. Skin contact may cause dermatitis. Treat as any contact dermatitis. No specific antidote. Supportive care. Treatment based on the judgement of the doctor in response to the reactions of the patient..

## **SECTION 5 FIRE FIGHTING MEASURES**

**Flammability:** Non-flammable liquid. Will support combustion.  
**Fire-Explosion Hazards** Drums or pails may rupture when exposed to fire conditions.  
**Suitable extinguishing media:** Extinguish with dry powder, CO<sub>2</sub>, foam or sprayed water jet.  
**Hazards from combustion products:** Include carbon monoxide and water. Will decompose above 260°C and generate ammonia.  
**Special Protective Precautions:** Fire fighters to wear positive pressure self-contained breathing apparatus.  
**Hazchem Code:** none allocated

## **SECTION 6 ACCIDENTAL RELEASE MEASURES**

Slippery when spilled. 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**

**Flammability:** Non-flammable liquid. Will support combustion.  
**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:** Not established for this material or individual constituents..  
**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:** Transparent Red Liquid, ammoniacal odour  
**Volatile Content:** < 1%  
**Flash Point:** 112°C (Pensky-Martens Closed Cup)  
**Boiling Point:** Not Determined, > 200°C  
**Specific Gravity:** 1.00  
**Solubility in Water:** Slightly Soluble  
**Ignition Temperature:** Not Determined, > 260°C  
**Freezing Point:** Not Determined, < -20°C

## **SECTION 10 STABILITY AND REACTIVITY**

**Chemical stability** Stable in normal conditions  
**Incompatible materials** Epoxies  
**Hazardous reactions:**  
**Conditions to avoid**

## **SECTION 11 TOXICOLOGICAL INFORMATION**

Swallowed (Acute): Acute oral toxicity has not been determined for this formulation but is expected to be low based on information available for each item.  
Skin Contact (Acute): May cause severe irritation and possibly burns.  
Eye Contact (Acute): May result in severe eye irritation and corneal injury which may be permanent.  
Inhalation (Acute): Not an inhalation hazard at ambient temperatures. Vapours at high concentration may cause nausea and dizziness.  
Chronic: Prolonged contact will cause severe irritation and burns, and may result in skin sensitisation or dermatitis 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. May cause severe irritation and burns to digestive tract.

## **SECTION 12 ECOLOGICAL INFORMATION**

**Ecotoxicity:** 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.  
**Persistence/biodegradability:** Not readily biodegradable  
**Mobility:** Potential for mobility in soil is low  
**Environmental fate:** No data  
**Bioaccumulative potential:** No data

## **SECTION 13 DISPOSAL CONSIDERATIONS**

**Disposal:** Unrequired material should be mixed with recommended hardener or base in suitable containers, allowed to set hard and be disposed of as general industrial waste

## **SECTION 14 TRANSPORT INFORMATION**

**Transport:** DANGEROUS GOODS.  
**Dangerous Goods Class:** 8  
**Packaging Group:** III EPG8  
**UN Proper Shipping Name:** CORROSIVE LIQUID, n.o.s.  
**UN Number:** 1760  
**Hazchem Code:** 2X

## **SECTION 15 REGULATORY INFORMATION**

**Poisons Schedule:** 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.*