



MATERIAL SAFETY DATA SHEET

EVEREK SRE EPOXY - PART B

Revised: May 1st, 2009

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Hazardous according to criteria of NOHSC

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product (Material) Name: Everek SRE Epoxy - Part B

Other names: SRE Hardener

Recommended Use: Curing agent for flexible epoxy resin for repair of cracks and joints in concrete pavements.

Supplier: CTI Consultants Pty Ltd
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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
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact
R50/53 Very toxic to aquatic organisms. May cause long term effects in the aquatic environment.

Safety phrases: S1/2 Keep locked up and 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, gloves 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 whenever possible).
S60 This material and its container must be disposed of as hazardous waste.
S61 Avoid release to the environment

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>CAS No.</i>	<i>Proportion</i>
Aminoethylpiperazine	140-31-8	30 - 60%
Nonyl phenol	84852-15-3	> 60%

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. If symptoms persist, seek medical attention. Remove contaminated clothing and launder before re-use. Discard contaminated footwear.
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:	Main ingredient of this formulation is 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. Will decompose above 260°C and generate ammonia.
Extinguishing media:	Extinguish with dry powder, CO ₂ , foam or sprayed water jet.
Combustion products:	Include ammonia, carbon monoxide and water.
Special Precautions:	Fire fighters to wear positive pressure self-contained breathing apparatus.
Hazchem Code:	2X

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 and clothing. 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:	Clear Yellowish Liquid
Odour:	Slight Ammoniacal
Volatile Content:	<1%
Boiling Point:	Not determined, >200°C
Solubility:	Slightly soluble in water

Specific Gravity: 1.00-1.03
Ignition Temperature: Not Determined, > 260°C
Freezing Point: Not Determined, < -20°C
Flashpoint: 112°C (Pensky-Martens Closed Cup)

SECTION 10 STABILITY AND REACTIVITY

Chemical stability: Stable in normal conditions
Incompatible materials:
Hazardous reactions: May decompose at temperatures above 260°C to generate ammonia.
Conditions to avoid: Heat

SECTION 11 TOXICOLOGICAL INFORMATION

Swallowed (Acute): Acute oral toxicity has not been determined. Single dose oral toxicity is expected to be low, based on information available for each item.
Skin Contact (Acute): A single prolonged exposure is not likely to result in absorption through the skin in harmful amounts. May cause severe irritation and possibly burns.
Eye Contact (Acute): May cause severe eye irritation or corneal injury.
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

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 base in suitable containers, allowed to set hard and be disposed of as general industrial waste. Do not discharge into sewers unless connected to a wastewater treatment plant.

SECTION 14 TRANSPORT INFORMATION

Transport: DANGEROUS GOODS. CORROSIVE LIQUID n.o.s.
Dangerous Goods Class: 8
UN Proper Shipping Name
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: 1st 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.