Hazardous according to criteria of NOHSC

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product (Material) Name: Everek Everlok 45 - Part B

Other names: Everlok 45 Hardener
Recommended Use: Curing agent for chemical grout or anchor for use with concrete or masonry.

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 by contact with skin or if swallowed
R34 Causes burns
R41 Risk of serious damage to eyes
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.
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 with inert mineral fillers.

Hazardous Ingredients:

Material	*CAS No.*	*Proportion*
Aminoethylpiperazine	140-31-8	15 - 30%
Nonyl phenol	84852-15-3	> 30%
Inert mineral fillers	Proprietary	to 100%

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 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:	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.
Extinguishing media:	Extinguish with dry powder, CO_2, foam or sprayed water jet.
Combustion products:	Will decompose above 260°C and generate ammonia. Combustion products include carbon monoxide and water.
Special Protective Precautions:	Fire fighters to wear positive pressure self-contained breathing apparatus.
Hazchem Code:	2X

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 epoxies. 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:	Black Liquid, slight ammoniacal odour
Volatile Content:	< 1%
Flash Point:	Not Determined; > 112ºC (Pensky-Martens Closed Cup)
Boiling Point:	Not Determined, > 200°C
Specific Gravity:	1.55
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 Heat

SECTION 11 TOXICOLOGICAL INFORMATION

Swallowed (Acute): May cause severe irritation and burns to the digestive tract. 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.

Inhaled (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.
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

SECTION 14 TRANSPORT INFORMATION

Transport: This product is classified as **DANGEROUS GOODS** in the Australian Dangerous Goods Code. **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.