

**PRODUCT: CHEMSET 800 SERIES EPOXY  
ANCHORING ADHESIVE – HARDENER**

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**SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Product Name: Chemset 801, Chemset 802 Epoxy Anchoring Adhesive – Hardener – Part B  
Manufacturer's Product Code: C801C, C801J, C802C  
Other Names: None  
Recommended Uses: Hardener for two-part epoxy adhesive for bonding rebar and threaded studs into solid concrete

Ramset Fasteners (Aust) Pty Limited ACN 004 297 009  
A Division of ITW Construction Products  
Maroondah Highway,  
Mooroolbark. Victoria. Australia. 3136  
Telephone: 1300 780 063 (Monday to Friday. 8 am to 5 pm EST)  
Emergency Telephone Number: 03 9726 6222 Outside business hours

**SECTION 2: HAZARDS IDENTIFICATION**

- Classified as Hazardous according to criteria of NOHSC -

Harmful, Corrosive

**Risk Phrases**

Harmful in contact with skin and if swallowed  
Irritating to eyes and skin  
Risk of serious damage to eyes  
May cause skin sensitisation by skin contact  
Harmful to aquatic organisms  
May cause long term adverse effects in the aquatic environment

**Safety Phrases**

Avoid contact with skin and eyes  
Do not allow to enter drains or waterways

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Ingredient Chemical Identity</b>	<b>CAS Number</b>	<b>Proportion</b>
Formaldehyde polymer with phenol and TETA	32610-77-8	10-30%
Aliphatic amine adduct	Trade Secret	15-20%
Paratertiarybutylphenol	98-54-4	0-10%
Benzyl alcohol	100-51-6	0-10%

**SECTION 4: FIRST AID MEASURES****Swallowed:**

Seek immediate medical assistance. Rinse mouth thoroughly with water immediately. Do NOT induce vomiting. Give 1 or 2 glasses of water to drink. Never give anything by mouth to

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an unconscious person. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel.

**Eye:**

Immediately irrigate with copious quantity of water for at least 15 minutes with eyelids held open. Seek immediate medical advice.

**Skin:**

Remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek medical advice.

**Inhaled:**

Remove source of contamination or remove patient to fresh air. Seek medical attention if symptoms persist.

**SECTION 5: FIRE FIGHTING MEASURES**

Combustible. Material is not classified as flammable.

**Suitable Extinguishing Media**

Use CO<sub>2</sub>, dry chemical or foam. In case of fire in the surroundings: all extinguishing agents allowed.

**Hazardous products of combustion**

Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen, soot and smoke, oxidative products of polymeric materials

**Special protective precautions and equipment for firefighters**

Firefighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion

**Hazchem code**

2X

**SECTION 6: ACCIDENTAL RELEASE MEASURES****Methods and materials for containment and clean up**

Wear appropriate protective equipment. Contain spill using absorbent (soil, sand, vermiculite or other inert material). Prevent from entering drains or waterways. Scrape up and seal in properly labelled drums for disposal. Remove residue from contaminated areas using water and detergent.

**SECTION 7: HANDLING AND STORAGE**

Material is corrosive. Hazchem 2X

**Precautions for safe handling**

Avoid contact with skin and eyes and avoid breathing vapour.

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**Conditions for safe storage, including any incompatibilities**

Store in a well ventilated area away from ignition sources, oxidising agents, foodstuffs and clothing. Keep containers closed when not in use.

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION****National exposure standards**

None for the compounded product.

None for the components

**Engineering controls**

Exhaust ventilation in enclosed areas

**Personal protective equipment**

PVC, neoprene or nitrile rubber gloves. Enclosed footwear. Overalls or similar protective clothing. Safety glasses or eye goggles.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Black paste

**Odour:** Amine

**pH:** > 8

**Vapour Pressure:** Not established

**Boiling Point / Range:** Not established

**Freezing / Melting Point:** Not established

**Solubility in Water:** Negligible

**Specific Gravity:** 1.35 g / mL

**Flashpoint and Method:** > 110°C

**Flammability Limit:** No available

**Explosive Limit:** Not determined

**Ignition Temperature:** Not determined

**Other Properties:**

None

**SECTION 10: STABILITY AND REACTIVITY****Chemical stability:**

Stable

**Incompatible materials:**

Oxidising agents, strong acids

**SECTION 11: TOXICOLOGICAL INFORMATION**

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**Inhalation**

High concentrations of vapour may cause irritation of the respiratory tract. Possible allergic reaction. Respiratory sensitiser.

**Ingestion**

May cause severe burns to the mouth, throat and stomach.

**Skin**

Will cause irritation in contact with skin, which will result in redness, itching and possible dermatitis. May cause sensitisation by skin contact.

**Eye**

A severe eye irritant. Corrosive to eyes. Contact can cause corneal burns. High concentrations of vapours will cause irritation.

**Chronic Effects**

Repeated or prolonged contact can cause sensitisation

**Advice to Doctor**

Treat symptomatically

**SECTION 12: ECOLOGICAL INFORMATION**

Avoid contaminating waterways

**SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local regulations. Collect and seal in properly labelled drums for disposal.

**SECTION 14: TRANSPORT INFORMATION**

UN Number: 1760  
UN Proper Shipping Name: CORROSIVE LIQUID N.O.S. - AMINES  
Class and subsidiary risk: 8  
Packaging Group: III  
Hazchem Code: 2X  
Packaging Method: 5.9.8  
EPG Number: 8A1  
IERG Number: 37

**SECTION 15: REGULATORY INFORMATION**

**Poisons Schedule: 5**

**NICNAS Status: All ingredients listed on AICS**

**SECTION 16: OTHER INFORMATION**

**Contact Point: Product Engineer – Chemicals**

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MATERIAL SAFETY DATA SHEET



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