

PRODUCT: ULTRAFIX CONCREMATE

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SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: ULTRAFIX CONCREMATE
Manufacturer's Product Code: 830104, 830111
Other Names: None
Recommended Uses: Patching and repairing concrete

Ramset Fasteners (Aust) Pty Limited ACN 004 297 009
A Division of ITW Construction Products
Maroondah Highway,
Mooroolbark. Victoria. Australia. 3138
Telephone: 03 9726 6222
Emergency Telephone Number: 1300 780 063 (Monday to Friday. 7:30 am to 5:30 pm EST)

SECTION 2: HAZARDS IDENTIFICATION

- Classified as Hazardous according to criteria of NOHSC -

Risk Phrases:

- Materials containing Portland cement are alkaline (corrosive).
- Repeated or prolonged contact with cement products can cause skin irritation and may cause skin sensitization.
- Pack weight > 20Kg. Risk of injury if not handled correctly.

Safety Phrases:

- Avoid inhalation of dust.
- Avoid contact with skin and eyes.
- Wear protective clothing, dust masks, gloves and eye protection.
- Use proper manual handling techniques.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Chemical Identity	CAS Number	Proportion
Portland Cement	65997-15-1	20 – 80%
Plaster of Paris	7778-18-9	20 – 80%
Chromium VI	18540-29-9	Trace
Ingredients deemed to be non-hazardous		To 100%

SECTION 4: FIRST AID MEASURES

Swallowed: Do NOT induce vomiting. Give a glass of water to drink. Rinse mouth and lips with water. Contact a doctor or Poisons Information Centre 13 1126

Eye: If in eyes, hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. If irritation persists contact a doctor.

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Skin: If on skin, remove contaminated clothing and wash skin thoroughly with soap and water. Contact doctor if irritation persists. Launder clothing before re-use.

Inhaled: If inhaled remove from exposure. Seek medical attention if symptoms persist.

ADVICE TO DOCTOR

Treat as for moderate to strong alkali.
Treat symptomatically.
Contact a Poisons Information Centre.

SECTION 5: FIRE FIGHTING MEASURES

Product is non-flammable and does not support combustion.

Suitable Extinguishing Media: Not applicable

Hazardous products of combustion: Not applicable

Special protective precautions and equipment for fire-fighters: Not applicable

Hazchem code: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency procedures: Prevent spilled material from entering drains

Methods and materials for containment and clean up: Spilled material may be collected by vacuum or swept. Avoid generating dust. Collect spilled material in clean, dry labelled containers for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

If net weight of bags is > 20 Kg, there is risk of injury if not handled correctly.
Avoid generating dust when handling.

Conditions for safe storage, including any incompatibilities:

Store in a cool, dry place.

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

Ingredient Chemical Identity	CAS Number	TWA		STEL	
		ppm	mg / m ³	ppm	mg / m ³
Portland Cement	65997-15-1		10		
Plaster of Paris	7778-18-9				
Chromium VI	18540-29-9		0.05		

Avoid generating dust while using.
Avoid contact with skin and eyes. Avoid breathing dust.

Engineering controls:

Use local exhaust ventilation where environment is enclosed and does not allow dust to escape.

Personal protective equipment:

Wear overalls, impervious gloves, safety glasses or goggles, dust mask, protective footwear.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Grey powder
Odour: None
pH: 11 when mixed with water
Vapour Pressure: Not applicable
Boiling Point / Range: Not applicable
Melting Point: > 1450°C
Solubility in Water: < 10 g / L
Bulk Density: 1250 – 1700 kg / m³
Flashpoint and Method: Not applicable
Flammability Limit: Not applicable
Explosive Limit: Not applicable
Ignition Temperature: Not applicable

Other Properties:

None

SECTION 10: STABILITY AND REACTIVITY

Chemical stability: Stable

Conditions to avoid: Contact with water will cause product to harden

Incompatible materials: Water

Hazardous decomposition products: None

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Hazardous reactions: None

SECTION 11: TOXICOLOGICAL INFORMATION

Health affects from the likely routes of exposure:

(A) ACUTE

Swallowed: Alkaline corrosive to mouth and throat. May cause burning sensation and abdominal discomfort.**Eyes:** Irritating and corrosive to eyes. May cause chemical conjunctivitis and redness and watering of eyes with damage to cornea.**Skin:** It will dry the skin and may cause alkali burns and irritant contact dermatitis, especially when plastic (unhardened). Due to trace amounts of hexavalent chrome (Cr6+), wet cement may cause chromium sensitisation and allergic contact dermatitis to some individuals.**Inhaled:** Irritating to nose, throat and respiratory system causing coughing and sneezing.

(B) LONG TERM (CHRONIC) EXPOSURE:

Skin: Repeated skin contact with wet cement has been associated with both irritant dermatitis and allergic (contact) dermatitis. The latter is due to the presence of traces of water soluble hexavalent chromium in cement.**SECTION 12: ECOLOGICAL INFORMATION**

No information

SECTION 13: DISPOSAL CONSIDERATIONS

Do not dispose of in sewers or drains. Consult local authorities for approved method of disposal.

SECTION 14: TRANSPORT INFORMATION**UN Number:** None**UN Proper Shipping Name:** None**Class and subsidiary risk:** None**Packaging Group:** None**Hazchem Code:** None**SECTION 15: REGULATORY INFORMATION****Poisons Schedule:** None**NICNAS Status:** All ingredients are listed on the AICS**SECTION 16: OTHER INFORMATION****Contact Point: Product Manager Construction Chemicals****Phone:** 1300 780 063 (Monday to Friday. 7:30 am to 5:30 pm EST)