

**MATERIAL SAFETY DATA SHEET (MSDS)**  
**Addcrete A-Bond**

**MSDS-XX**  
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Issue Date 8 May, 2010  
Review Date 19 May, 2014

THIS PRODUCT IS CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

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**IDENTIFICATION**

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Product Name: Addcrete A-Bond

Other Names: Acrylic Bonding Agent

Manufacturer's Product Code: RL3101

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UN Number: None allocated

Dangerous Goods Class & Subsidiary Risk: None allocated

Hazchem Code: None allocated

Poisons Schedule Number: None allocated

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Use: Bond promoter Portland Cement based mortars, renders, toppings, and concretes.

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**Physical Description/Properties**

Appearance: White Liquid

Boiling Point/Melting Point: BP 100°C

Vapour Pressure: Not determined

Specific Gravity: 1.06

Flashpoint: Not applicable

Flammable Limits: Not applicable

Solubility in Water: In all proportions

pH: Approx 9.5  
Further information not relevant.

**Other Properties**

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<u>Ingredients</u>	<u>CAS Number</u>	<u>Proportion</u>
Water	7732-18-5	50-55%
Formaldehyde	50-00-0	0-0.01%
Acrylamide	79-06-1	-
Acrylic Monomer	-	0-0.01%
Acrylic Copolymers		

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## HEALTH HAZARD INFORMATION

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### ACUTE HEALTH EFFECTS

***Swallowing***

Not harmful if swallowed.

***Eye***

May cause irritation.

***Skin***

Slight irritation may result from prolonged or frequent repeated contact.

***Inhalation***

Over exposure not expected at ambient temperatures.

### CHRONIC HEALTH EFFECTS

None known.

### FIRST AID TREATMENT

***Swallowing***

Wash mouth and lips with water, give water to drink to dilute stomach contents. Seek medical attention.

***Skin Contact***

Wash with tepid soapy water. Remove and wash clothes before re-use.

***Eye Contact***

Irrigate with copious water for at least 15 minutes. Seek medical attention.

***Inhalation***

Move to fresh air, wash with water and seek medical attention if symptoms persist.

***First Aid Facilities***

Eye bath and safety shower.

***Advice to doctor***

Treat symptomatically.

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**PRECAUTIONS FOR USE**

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**EXPOSURE LIMITS*****WorkSafe Australia Exposure Standard***

Exposure Standard for individual ingredients

	PPM	TWA	mgm <sup>-3</sup>
Formaldehyde	1		1.2
Acrylamide			0.03
Free Acrylic Monomer	25 ppm TLV		

**MANUFACTURER'S RECOMMENDATIONS**

Ensure workplace is well ventilated.

**ENGINEERING CONTROLS**

Ensure worksite is well ventilated.

**PERSONAL PROTECTION*****Skin***

Wear loose comfortable protective clothing and impervious boots. Apply barrier creams to hands or wear protective gloves (AS2161) .Wash thoroughly after handling. Wash clothes regularly and keep separate from other clothes.

***Eyes***

Safety spectacles with side shields or safety goggles (AS/NZS1336) should be worn if there is risk of splashing during use.

***Respiratory***

In poorly ventilated or confined areas the use of a respirator (AS/NZS 1715 & 1716) may be required.

***Flammability***

Not flammable under normal conditions of use. The dry polymer can burn.

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## SAFE HANDLING INFORMATION

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### STORAGE AND TRANSPORT

<b>Storage Temperature:</b>	Not less than 5°C or greater than 35°C Do not allow to freeze.
<b>UN Class:</b>	None allocated
<b>Packaging Group:</b>	None allocated
<b>UN Number:</b>	None allocated
<b>EPG Number:</b>	None allocated
<b>Correct Shipping Name:</b>	None allocated
<b>Storage Advice:</b>	Store In fully sealed containers under cover .

### SPILLS AND DISPOSALS

Contain using sand and earth - prevent run-off into drains and waterways. Use absorbent (soil, inert material, sawdust, vermiculite) .Collect and seal in properly labelled drums for disposal. Dispose of to approved land fill in accordance with local regulations.

### FIRE/EXPLOSION HAZARD

Not flammable under the normal conditions of use. No explosion hazard.

### DECOMPOSITION PRODUCTS.

The dry polymer can burn forming carbon dioxide, carbon monoxide, soot and other harmful products.

<b>In case of small fire/explosion use:</b>	Water
<b>In case of major emergency:</b>	Water
<b>HAZCHEM CODE:</b>	None
<b>Extinguishant:</b>	Water, or as for other chemicals present
<b>Danger of violent reaction or Explosion?:</b>	No
<b>Protective clothing:</b>	Self contained breathing apparatus If risk of exposure to vapour or products of combustion.
<b>Appropriate measures:</b>	Dilute
<b>Evacuate?:</b>	No

### CONTACT POINT

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