MATERIAL SAFETY DATA SHEET

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BONDCRETE

ISSUED: AUGUST 2004

IDENTIFICATION

Not classified as hazardous according to criteria of Worksafe Australia

PRODUCT NAME:	**BONDCRETE**
OTHER NAMES:	**PVA Copolymer Emulsion**
U.N. NUMBER:	Not applicable
HAZCHEM CODE:	Not applicable
DANGEROUS GOODS CLASS & SUB-RISK:	Not applicable
POISONS SCHEDULE:	Not applicable
MANUFACTURERS PRODUCT CODE:	49937

USE: Bonding and sealing agent. Cement and mortar additive.

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE:	Milky white liquid with mild pleasant odour.
BOILING POINT (^{o}C):	100
VAPOUR PRESSURE :	17mm Hg @ 20°C
SPECIFIC GRAVITY:	1.08
FLASH POINT (^{o}C):	Not applicable
FLAMMABILITY LIMITS:	Not applicable
SOLUBILITY IN WATER:	Dilutable in all proportions

INGREDIENTS

CHEMICAL ENTITY	CAS. NO.	PROPORTION
Poly(vinyl acetate) modified	9003-20-7	30-60 %
Poly(vinyl alcohol) modified	9002-89-5	<5 %
Dipropylene glycol dibenzoate	21738-31-4	<5 %
Formic Acid	64-18-6	<0.1%
Glyoxal	107-22-2	<0.1 %
Biocides	26172-55-4	<0.01%
Water	7732-18-5	to 100 %

HEALTH HAZARD INFORMATION

ACUTE:	HEALTH EFFECTS
Skin:	Possible irritation on prolonged or repeated contact.
Eyes:	Slightly irritating to eyes.
Swallowed:	Not to be taken.
Inhaled:	Prolonged inhalation of vapour or mist can cause headache and nausea.
CHRONIC:	

FIRST AID	
Skin:	Wash affected area with soap and water.
Eyes:	Flush eyes with a large amount of water for at least 15 minutes. See a doctor if irritation persists.
Swallowed:	Give victim 2 glasses of water to drink- call a doctor. Do not give anything by mouth to an unconscious person.
Inhaled:	Remove affected person into fresh air.
Advice to doctor:	Treat symptomatically.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS

Formic Acid - 5 ppm (9 mg/m^3) TWA-NOHSC

Not likely to be reached in normal useage.

ENGINEERING CONTROLS - VENTILATION

Good general ventilation required.

PERSONAL PROTECTION

Rubber gloves recommended. Chemical goggles recommended.

FLAMMABILITY

Product is non-flammable according to Australian Code for Transport of Dangerous Goods. However, dried polymer will burn in a general fire.

SAFE HANDLING INFORMATION

STORAGE & TRANSPORT

Keep from freezing. Store at room temperature and keep covered to prevent drying out. Avoid contamination.

SPILLS & DISPOSAL

Floors may be slippery - use care to avoid falling. Dike and contain spill with inert material (eg. sand, earth). Recover liquid. Place diking material in containers. Keep spills and runoff out of drains and open waters. Suitable containers for storage or disposal are plastic or metal drums.

FIRE/EXPLOSION HAZARD

Material can spatter above 100°C. Polymer film can burn.

EXTINGUISHING MEDIA

No restriction.

OTHER INFORMATION & REFERENCES

Sax and Lewis - Dangerous Properties of Industrial Materials, 7th Edition.
National Occupational Health and Safety Commission - Exposure Standards for Atmospheric Contaminants in the Occupational Environment.

CONTACT POINT:	**Works Chemist**	**Tel No:**	**08-9277-6844**
	Emergency	**Tel No:**	**0400-705-773**

DISCLAIMER

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THIS MATERIAL SAFETY DATA SHEET MUST BE MADE AVAILABLE TO ALL PERSONS WHO BY NATURE OF THEIR EMPLOYMENT MAY HANDLE OR COME INTO CONTACT WITH THIS MATERIAL.

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