

Material Safety Data Sheet

CS: 1.4.93

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Infosafe No™ HXR7L	Issue Date : May 2010	ISSUED by BONDALL
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Product Name **WATER BASED BITUMEN WATEPROOFING MEMBRANE**

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name WATER BASED BITUMEN WATEPROOFING MEMBRANE
Product Code 1 litre:27300, 4 litre: 27500, 20 litre 27700

Company Name BONDALL PTY LTD (ABN 27 008 734 996)
Address 113 Belmont Avenue
Belmont
WA 6104 Australia
Emergency Tel. 0400 705 773 or Poisons Information Centre: 13 11 26
Telephone/Fax Number Tel: (08) 6272 3800
Fax: (08) 9277 4068
Recommended Use To provide a waterproof exterior membrane for limestone, concrete, stone, brick or cementitious substrates.

Area Distribution Indonesia
Distributor Name PT. Bondall Kumala Jaya
Address Duta Indah Iconic Blok F17, Kebon Nanas, Tangerang 15143
Telephone / Fax (021) 2259 5588 / (021) 2259 5999

2. HAZARDS IDENTIFICATION

Hazard Not classified as hazardous according to criteria of NOHSC
Classification NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.
Risk Phrase(s) Not classified as hazardous according to criteria of NOHSC

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Water	7732-18-5	0-<10 %
	3-Isothiazolone, 2-methyl- 1,2	2682-20-4	0-<0.05 %
	Benzisothiazole-3 -one	2634-33-5	0-<0.05 %
	Ammonia, aqueous solution	1336-21-6	0-<1 %
	Butadiene-acrylat e copolymer	Proprietary	0-<10 %
	Styrene acrylic resin emulsion	Proprietary	0-<10 %
	Bitumen emulsion	Proprietary	>60-100 %

4. FIRST AID MEASURES

Inhalation If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.

Ingestion Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.

Skin Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

Eye Irrigate immediately with water for at least 15 minutes until irritation subsides. If irritation persists, seek medical attention.

First Aid Facilities Eyewash and normal washroom facilities.

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use carbon dioxide, dry chemical, foam, water mist or water spray.
Hazards from Combustion Products Specific	Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.
Hazards	This product is non-combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose

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and/or burn.

Precautions in connection with Fire: Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Spillage may be slippery. Place inert absorbent, non-combustible material onto spillage. Use clean tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage: Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Protect from freezing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Reference should be made to all applicable local and national storage regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards Biological Limit Values: No exposure value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC), Australia. No biological limit allocated.

Engineering Controls: Provide sufficient ventilation to keep airborne levels as low as possible. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a ventilation system is required.

Respiratory Protection: If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist/vapor filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection: Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection: Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection: Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Brown viscous liquid

Odour: Not available.

Melting Point: 0°C (water)

Boiling Point: 100°C (water)

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Solubility in Water Miscible

Specific Gravity 1.02

pH Value Approx 7.25

Vapour Pressure Not available

Flash Point Not applicable

Flammability Not flammable

Auto-Ignition Not applicable

Temperature

Flammable Limits - Not applicable

Lower

Flammable Limits - Not applicable

Upper

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions of storage and handling.

Conditions to Avoid Extremes of temperature

Incompatible Strong oxidising agents.

Materials

Hazardous Thermal decomposition may result in the release of toxic and/or irritating

Decomposition fumes including carbon monoxide and carbon dioxide.

Products

Hazardous Will not occur

Polymerization

11. TOXICOLOGICAL INFORMATION

Toxicology No toxicity data available for this product.

Information

Inhalation Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

Ingestion Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Skin May be irritating to skin. The symptoms may include redness, itching and swelling.

Eye May be irritating to eyes. The symptoms may include redness, itching and tearing.

Chronic Effects Prolonged or repeated contact may cause dermatitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity Not available

Persistence / Not available

Degradability

Mobility Not available

Environ. Protection Do not discharge this material into waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Dispose of waste according to applicable local and national regulations.

Considerations

14. TRANSPORT INFORMATION

Transport Not classified as Dangerous Goods according to the Australian Code for the

Information Transport of Dangerous Goods by Road and Rail. (7th edition)

15. REGULATORY INFORMATION

Regulatory Not classified as Hazardous according to criteria of National Occupational

Information Health & Safety Commission (NOHSC), Australia.

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Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

Poisons Schedule Not Scheduled

16. OTHER INFORMATION

Date of preparation MSDS Reviewed: May 2010

or last revision of MSDS MSDS Superseded: August 2006

Contact Person/Point Chemist: Tel No: (08) 9478 6005
Emergency: Tel No: 0400 705 773

...End Of MSDS...

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