

Infosafe No™ HXRLV	Issue Date : February 2010	ISSUED by BONDALL
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Product Name **SHOWERTITE TILE AND GROUT SEALER**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name SHOWERTITE TILE AND GROUT SEALER
Product Code 23200
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 Tile and grout sealant.

2. HAZARDS IDENTIFICATION

Hazard 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.
Safety Phrase(s) S23(3) Do not breathe spray.
 S23(4) Do not breathe vapour.
 S24/25 Avoid contact with skin and eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Isopropanol	67-63-0	<10 %
	Sodium nitrite	7632-00-0	<1 %
	Other ingredients determined not to be hazardous, including water		Balance

4. FIRST AID MEASURES

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.
Ingestion Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.
Skin Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.
Eye If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed off completely. Seek immediate medical attention.
First Aid Facilities Eye wash and normal washroom facilities.
Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use carbon dioxide, dry chemical, and foam.
Hazards from Combustion Products Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide and oxides of sodium and phosphorus.
Specific Hazards May burn under fire conditions.
Precautions in connection with Fire Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. Water spray may be used to keep fire exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Wear appropriate personal protective equipment and clothing to avoid exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert non-combustible absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the

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waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Precautions for Safe Handling	Wear appropriate protective clothing and equipment to prevent inhalation, skin and eye contact. Use in designated areas with adequate ventilation. Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities. When using do not eat, drink or smoke. Prevent the creation of vapour or mist in the work atmosphere. Keep containers closed when not in use.
Conditions for Safe Storage	Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, foodstuffs, and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure standards have been established for this material by the National Occupational Health & Safety Commission (NOHSC), Australia. However, the exposure standards for the ingredients are stated below:
National Occupational Health And Safety Commission (NOHSC) Exposure Standards:

Substance	TWA		STEL		Notices
	ppm	mg/m ³	ppm	mg/m ³	
Isopropanol	400	983	500	1230	-

As published by the National Occupational Health and Safety Commission (NOHSC), Australia.

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Engineering Controls Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 2430.3.1:1997 : Classification of hazardous areas - Examples of area classification - General, for further information concerning ventilation requirements.

Respiratory Protection If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used. Type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

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 laminated film, nitrile or other suitable gloves conforming to AS/NZS 2161: Occupational protective gloves.

Body Protection Suitable work wear should be worn to protect personal clothing, eg cotton overalls buttoned at neck and wrist. When large quantities are handled the use of plastic aprons and rubber boots is recommended. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colourless to light yellow liquid.
Melting Point	Not available
Boiling Point	100°C (Water)
Solubility in Water	Miscible
Specific Gravity	1.0 at 20°C
pH Value	Not available
Vapour Pressure	0.05 kPa at 20°C
Vapour Density (Air=1)	>1

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Evaporation Rate <1 (n-Butyl acetate=1)

Flash Point >62°C (PMCC) (Closed cup)

Auto-Ignition Temperature >200°C

Flammable Limits - Lower Not available

Flammable Limits - Upper Not available

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions of storage and handling.

Conditions to Avoid Heat, direct sunlight, open flames or other sources of ignition.

Incompatible Materials Strong oxidising agents.

Hazardous Decomposition Products Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide, carbon dioxide and oxides of sodium and phosphorus.

Hazardous Polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information Not available

Inhalation May cause irritation to the respiratory tract and mucous membranes. Inhalation of the vapour may result in headache, nausea and vomiting. High concentrations may cause central nervous system symptoms similar to swallowing.

Ingestion Swallowing can cause drunkenness or harmful central nervous system effects. Effects of a small intake may include excitation, euphoria, headache, dizziness, drowsiness, blurred vision and fatigue. Severe acute intoxication may cause hypoglycaemia, hypothermia and extensor rigidity. Other effects may include decreased blood pressure, vomiting blood and blood changes. Aspiration into the lungs may cause pneumonitis.

Skin May cause redness, itching and irritation.

Eye May be irritating to eyes. On eye contact this product may cause tearing, stinging, blurred vision, and redness.

Chronic Effects Prolonged or repeated skin contact may cause defatting leading to dermatitis. Long term exposure by swallowing or repeated inhalation may cause degenerative changes in the liver, kidney, gastrointestinal tract and heart muscle.

12. ECOLOGICAL INFORMATION

Ecotoxicity Not available

Persistence / Degradability Not available

Mobility Not available

Bioaccumulative Potential Not available

Environ. Protection Avoid contaminating waterways. Do not discharge the product into drains or sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations Disposal of the spilled or waste product must be done in accordance with applicable local and national regulations.

14. TRANSPORT INFORMATION

Transport Information

Road and Rail Transport:
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Marine Transport:
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport:
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

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15. REGULATORY INFORMATION

Regulatory Information	Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.
Poisons Schedule	Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
AICS (Australia)	Not Scheduled
	All constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Date of preparation or last revision of MSDS	MSDS Reviewed: February 2010
	Supersedes: August 2007
Contact Person/Point	Chemist: Tel No: (08) 9478 6005
	Emergency: Tel No: 0400 705 773
	...End Of MSDS...

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