

Material Safety Data Sheet

CS: 1.4.93

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Infosafe No™ HXR73	Issue Date : May 2010	ISSUED by BONDALL
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Product Name : **TILEGUARD TERRACOTTA SEALER**

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	TILEGUARD TERRACOTTA SEALER
Product Code	1 litre:63003, 4 litre: 63005
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	Terracotta Sealer
Other Names	<u>Name</u> TERRACOTTA SEALER
	<u>Product Code</u>

2. HAZARDS IDENTIFICATION

Hazard Classification	Not classified as hazardous according to criteria of NOHSC 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	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Water	7732-18-5	up to 100 %
	Isopropanol	67-63-0	0-<10 %
	Non hazardous water repellent		0-<10 %

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	Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.
Specific Hazards	Combustible liquid. This product will readily burn under fire conditions.
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

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Emergency Procedures

Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking 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. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. 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. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all applicable local and national regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

No exposure value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC), Australia. However, the available exposure limits for ingredients are listed below:

National Occupational Health And Safety Commission (NOHSC), Australia Exposure Standards:

Substance	TWA		STEL		NOTICES
	ppm	mg/m ³	ppm	mg/m ³	
Propanol	400	983	500	1230	-

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.

No biological limit allocated.

Biological Limit Values

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 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

Where there is a risk of spill or splash, 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.

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Product Name : **TILEGUARD TERRACOTTA SEALER**

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Hand Protection	Wear gloves of impervious material e.g. PVC / neoprene / nitrile rubber. 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. Avoid prolonged and / or repeated contact with the skin. Use of a water resistant, non-silicone barrier cream is recommended.
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	Colourless to light yellow liquid
Odour	Not available
Boiling Point	175 - 250°C
Solubility in Water	Insoluble
pH Value	Not available
Vapour Pressure	0.05kPa at 20°C
Density	0.79 g/mL at 20°C
Flash Point	>62°C (PMCC)
Flammability	Combustible
Auto-Ignition Temperature	>200°C approx.
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	Extremes of temperature
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data available for this product. The available toxicity data for the ingredients are as follows: Acute toxicity data for Propanol: LD50 (Oral, Rat): 1870 mg/kg LD50 (Dermal, Rabbit): 5040 mg/kg
Inhalation	High vapour concentrations may be irritating to the eyes and the respiratory tract, may cause headaches and dizziness.
Ingestion	Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema.
Skin	Frequent or prolonged contact may de-fat and dry the skin, leading to discomfort and dermatitis.
Eye	May be irritating to eyes.
Chronic Effects	Not available.

12. ECOLOGICAL INFORMATION

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Ecotoxicity Not available

Persistence / Not available

Degradability Not available

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.
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 Superseded: November 2004
MSDS
Contact Person/Point Chemist: Tel No: (08) 9478 6005
Emergency: Tel No: 0400 705 773
...End Of MSDS...

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