

Material Safety Data Sheet

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Infosafe No™ LPZ58 Issue Date : June 2010 ISSUED by BONDALL

Product Name **TILEGUARD SLATE SEALER**

Not classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name TILEGUARD SLATE SEALER
Product Code 1Lt: 63053 4Lt: 63055
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 translucent, coloured, hardwearing finish for concrete floors.

2. HAZARDS IDENTIFICATION

Hazard Classification Not classified as hazardous
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

3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Ingredients</u> | <u>Name</u> | <u>CAS</u> | <u>Proportion</u> | <u>Hazard Symbol</u> | <u>Risk Phrase</u> |
|--------------------|-----------------------------|-------------|-------------------|----------------------|--------------------|
| | Acrylic resin | Proprietary | 30-<60 % | | |
| | Water | 7732-18-5 | 30-60 % | | |
| | 2-Butoxyethanol | 111-76-2 | 0-<10 % | | |
| | Terbutryn | 886-50-0 | 0-<1 % | | |
| | 2-(2-butoxyethoxy) ethanol | 112-34-5 | 0-<1 % | | |
| | 2-Octyl-2H-isothiazol-3-one | 26530-20-1 | 0-<0.05 % | | |
| | 1,2-Benzisothiazole-3-one | 2634-33-5 | 0-<0.05 % | | |
| | 3-Isothiazolone, 2-methyl- | 2682-20-4 | 0-<0.05 % | | |

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.

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Specific Hazards This product is non-combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose 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 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 | |
| 2 Butoxyethanol | 20 | 96.9 | 50 | 242 | Sk |

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.

'Sk' Notice: Absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur. 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 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.

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|------------------------|--|
| 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 | Milky white free flowing liquid |
| Odour | Not available |
| Melting Point | 0°C (water) |
| Boiling Point | 100°C (water) |
| Solubility in Water | Totally miscible |
| Specific Gravity | 1.01 |
| pH Value | 8.5 |
| Vapour Pressure | Not available |
| Flash Point | Not applicable |
| Flammability | Not flammable |
| Auto-Ignition Temperature | Not applicable |
| Flammable Limits - Lower | Not applicable |
| Flammable Limits - Upper | Not applicable |

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: a) 2 Butoxyethanol: LD50 (Oral, Rat): 250 mg/kg LD50 (Dermal, Rabbit): 220 mg/kg LC50 (Inhalation, Rat): 450 ppm (4h) b) 1,2-Benzisothiazol-3-one: LD50 (Oral, Rat): 1020 mg/kg c) 2-octyl-2H-isothiazol-3-one: LD50 (Oral, Rat): 550 mg/kg LD50 (Dermal, Rabbit): 690 mg/kg LC50 (Inhalation, Rat): > 2000 mg/m ³ (4h) |
| 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 |

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

Chronic Effects Prolonged or repeated contact may cause dermatitis or sensitisation.

12. ECOLOGICAL INFORMATION

Ecotoxicity Not available

Persistence / Degradability Not available

Mobility Not available

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

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Transport Information Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

15. REGULATORY INFORMATION

Regulatory Information Not classified as Hazardous according to criteria of National Occupational 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 or last revision of MSDS MSDS Created: June 2010

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