

# Material Safety Data Sheet

CS: 1.4.93

Page: 1 of 4

Infosafe No™ LPZER Issue Date : September 2010 ISSUED by BONDALL

Product Name **BONDCRETE**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** BONDCRETE  
**Product Code** 11100, 11200, 12300, 12400, 12500, 12600, 11700, 12800.  
**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** Bonding and sealing agent. Cement and mortar additive.

## 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.  
S24/25 Avoid contact with skin and eyes.  
S36/37 Wear suitable protective clothing and gloves.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Vinyl acetate polymers	Proprietary	30-60 %
	Poly(vinyl alcohol) modified	9002-89-5	<10 %
	Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-4-isothiazolin-3-one (3:1)	55965-84-9	<0.0015%
	Other ingredients determined not to be hazardous, including water.		Balance

## 4. FIRST AID MEASURES

**Inhalation** Remove the source of contamination or move the affected person to fresh air. Keep at rest and warm. If symptoms persist seek medical attention.  
**Ingestion** Do NOT induce vomiting. Wash out mouth and lips thoroughly with water. Seek medical attention.  
**Skin** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation develops seek medical attention.  
**Eye** If in eyes, hold eyelids apart and flush the eyes immediately with running water. Continue flushing for several minutes until all contaminants are washed off completely. Seek medical attention.  
**First Aid Facilities** Eye wash and normal washroom facilities.  
**Advice to Doctor** Treat symptomatically.  
**Other Information** For advice in an emergency, contact a Poisons Information Centre (Phone 13 11 26 in Australia) or a doctor.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Water spray, water fog, foam, carbon dioxide and dry chemical powder.

# Material Safety Data Sheet

CS: 1.4.93

Page: 2 of 4

Infosafe No™ LPZER	Issue Date : September 2010	ISSUED by BONDALL
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Product Name **BONDCRETE**

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<b>Hazards from Combustion Products</b>	Under fire conditions the product may emit toxic fumes including carbon monoxide and carbon dioxide as well as trace amounts of vinyl acetate monomers, oxides of sulphur and oxides of nitrogen.
<b>Specific Hazards</b>	This product is not combustible. However, under fire conditions, following the evaporation of the aqueous component, the organic components may decompose and/or burn.
<b>Precautions in connection with Fire</b>	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes and products of combustion. Water spray may be used to cool down heat-exposed containers.

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## 6. ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	Slippery when spilled. Avoid accidents, clean up immediately. Wear appropriate personal protective equipment and clothing to minimise exposure. If possible contain the spill, prevent run-off into drains and waterways. Place inert absorbent material onto spillage. Collect and place in labelled containers. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations. Disposal should be in accordance with the relevant local, state and federal government regulations.
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## 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	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.
<b>Conditions for Safe Storage</b>	Store in a cool, dry well-ventilated area away from incompatible materials, such as strong acids, strong bases and oxidizing agents. Protect from freezing. Keep the containers tightly sealed when not in use, and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards</b>	No exposure standards have been established for the mixture by the National Occupational Health & Safety Commission (NOHSC), Australia. However, over-exposure to some chemicals may result in adverse effects on health or aggravation of pre-existing medical conditions and/or allergic reactions and should be kept to the lowest possible levels.
<b>Biological Limit Values</b>	No biological limit allocated.
<b>Engineering Controls</b>	Use with good ventilation to keep the airborne concentrations as low as possible. Where vapours or mists are generated in a confined space, a local exhaust ventilation system, drawing the vapours/mists away from workers' breathing zone, should be used.
<b>Respiratory Protection</b>	Normally not required, however if engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour/mist filter should be used. 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, in order to make any necessary changes for individual circumstances.
<b>Eye Protection</b>	Safety glasses with side shields or goggles as appropriate should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
<b>Hand Protection</b>	Use chemical resistant gloves, eg. laminated film or nitrile. Avoid gloves made of natural latex. 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.
<b>Body Protection</b>	Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

# Material Safety Data Sheet

CS: 1.4.93

Page: 3 of 4

Infosafe No™ LPZER Issue Date : September 2010 ISSUED by BONDALL

Product Name **BONDCRETE**

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Milky white liquid.
<b>Odour</b>	Mild pleasant odour.
<b>Melting Point</b>	0°C (Water)
<b>Boiling Point</b>	100°C (Water)
<b>Solubility in Water</b>	Miscible in all proportions.
<b>Specific Gravity</b>	1.08
<b>pH Value</b>	Not available
<b>Vapour Pressure</b>	17 mmHg at 20°C (Water)
<b>Vapour Density (Air=1)</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flash Point</b>	Not applicable
<b>Flammability</b>	Non-combustible liquid.
<b>Flammable Limits - Lower</b>	Not applicable
<b>Flammable Limits - Upper</b>	Not applicable

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## 10. STABILITY AND REACTIVITY

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<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Incompatible Materials</b>	Oxidising agents, strong acids and strong bases.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide as well as trace amounts of vinyl acetate monomers, oxides of sulphur and oxides of nitrogen.
<b>Hazardous Polymerization</b>	Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Toxicology Information</b>	Not available
<b>Inhalation</b>	Inhalation of product vapours in confined spaces may cause irritation of upper respiratory tract.
<b>Ingestion</b>	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
<b>Skin</b>	May be irritating to skin. Extended contact may cause redness, itching and mild irritation.
<b>Eye</b>	May cause eye irritation, tearing, stinging, blurred vision, and redness.
<b>Chronic Effects</b>	Not available

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	Not available
<b>Persistence / Degradability</b>	Not available
<b>Mobility</b>	Not available
<b>Bioaccumulative Potential</b>	Not available
<b>Environ. Protection</b>	Do not discharge product into drains, waterways or sewers.

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## 13. DISPOSAL CONSIDERATIONS

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# Material Safety Data Sheet

CS: 1.4.93

Page: 4 of 4

Infosafe No™ LPZER                      Issue Date : September 2010                      ISSUED by BONDALL

Product Name **BONDCRETE**

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**Disposal Considerations**                      The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

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## 14. TRANSPORT INFORMATION

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**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

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**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 Medicines and Poisons (SUSMP).

**Poisons Schedule**                      Not Scheduled

**AICS (Australia)**                      All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or otherwise are in compliance with NICNAS requirements.

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## 16. OTHER INFORMATION

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**Date of preparation or last revision of MSDS**                      MSDS created: September 2010

**Contact Person/Point**                      Chemist: Tel No: (08) 6272-3800  
Emergency: Tel No: 0400 705 773  
...End Of MSDS...

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