

MATERIAL SAFETY DATA SHEET

M4 FIRE RESISTANT MORTAR

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	M4 FIRE RESISTANT MORTAR
Other Names:	-
Recommended Use:	Fire resistant mortar
Supplier:	Pyropanel Developments Pty. Ltd.
Address:	122-124 Beresford Road, Lilydale, Victoria 3140, Australia
Telephone:	+61 (0)3 9735 5688
Facsimile:	+61 (0)3 9739 5772
Website:	www.pyropanel.com.au

SECTION 2: HAZARDS IDENTIFICATION

NON-HAZARDOUS SUBSTANCE - NON-DANGEROUS GOODS

STATEMENT OF HAZARDOUS NATURE: Not classified as Hazardous according to the criteria of the Australian Safety and Compensation Commission ASCC (formerly National Occupational Health and Safety Commission NOHSC) Approved Criteria For Classifying Hazardous Substances [NOHSC: 1008] 3rd Edition Non-Dangerous Goods under State and Commonwealth legislation.

Risk and Safety phrases: Due to the nature of this product such phrases are not applicable to this material.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Ingredients:	Proportion: (Wt %)	CAS Number:
Perlite	5-15	
Wetting agent	0.1-1	
Fibre non-mineral	< 0.2	
Iron oxide pigment	0.1-2	
Mixed inorganic minerals	15-30	
Cement Grade A	60-70	

Other properties: The inorganic ingredients show no harmful effects. No organic solvents are present in the material.

SECTION 4: FIRST AID MEASURES

Swallowed: Rinse the lips and mouth with water, give water to drink, and seek medical attention.

Eye: Flush with copious amounts of water. Ensure irrigation under the eyelids by occasionally lifting upper and lower lids. If symptoms persist seek medical advice.

Skin: Gently brush or vacuum off adherent powder sludge with water and, if itching persists, seek medical attention.

Inhaled: Remove to fresh air. Encourage patient to blow nose to ensure clear breathing passages. If symptoms persist seek medical advice.

Notes to the doctor: This product is not known to produce any chronic health effects. Treatment should be directed toward removing the source of irritation with symptomatic treatment as necessary. Any other symptoms and signs of ill health are likely to be due to other causes.

SECTION 5: FIRE FIGHTING MEASURES

Specific Hazards: Non-flammable. No fire or explosion hazard exists.

Extinguishing Media: Not applicable

Special protective precautions for fire fighters: Not applicable

SECTION 6: ACCIDENTAL RELEASE MEASURES

Normal work-safe conditions as described in SECTION 8 will adequately cover the provisions required to provide a safe environment should such an event take place.

SECTION 7: HANDLING AND STORAGE

Handling: General rules of good workplace practice apply. Keep workplace clean, minimise dust by use of dust extractors when cutting or sanding.

Storage: Store material in a dry place.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: Australian Safety and Compensation Commission ASCC (formerly NOHSC)

Australia Occupational Exposure Standard: During most applications and installations of this material, no special ventilation will be required. However, if dusty, or in confined spaces, local exhaust ventilation should be considered. Work practices should aim to minimise the release of, and exposure to, fibres and /or dust. If power tools are used directly on the product appropriate dust collection systems are recommended. Work areas should be cleaned regularly.

Eye Protection: The dust is irritating and may be abrasive to the eyes causing inflammation. Any contact with the dust can be avoided by wearing dust resistant goggles conforming to Australian and New Zealand Standards AS/NZ 1336.

If Swallowed: Not normally a hazard due to physical form. The material is a physical irritant to the gastrointestinal tract.

Skin Protection: Product is mildly irritating to the skin. Safe work conditions minimise the threat from this problem.

Respiratory Protection: The dust is irritating to the upper respiratory tract. Nose and throat irritation may be transitory.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	A fine red powder
Odour:	Nil
pH (when water added)	10 - 11
Boiling point:	Not applicable
Melting point:	> 1200°C
Vapour pressure:	Not applicable
Bulk density of powder	0.6 Kg/L
Solubility in water:	Not applicable
Evaporation rate:	Not applicable
Vapour density:	Not applicable
Percent volatiles:	Nil
Flash point:	Not applicable
Potential for dust explosion:	Not applicable
Fibre dimensions:	4 – 5 microns: 70%, 6 microns: 20%, > 6 microns 10% (no asbestos)
Ignition loss:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	The material is stable under normal ambient conditions
Conditions to avoid:	Product reacts when exposed to water.
Incompatible materials:	Not applicable
Hazardous decomposition products:	Nil
Hazardous reactions:	In case of correct storage and handling dangerous reactions are unknown.

SECTION 11: TOXICOLOGICAL INFORMATION

No long-term detrimental health effects are known. The boards contain man-made organic fibres that present no hazard according to classifications according to EC 67/548 and EC 97/69,

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No adverse environmental effects would be expected if the material became accidentally released into water or soil. This product would cause no harm to fish or wildlife.

SECTION 13: DISPOSAL CONSIDERATIONS

Any waste material should be cleaned up and disposed of in accordance with local authority guidelines. Use protective equipment as described in Section 8.

SECTION 14: TRANSPORTATION INFORMATION

Transportation Requirements:	M4 FIRE RESISTANT MORTAR is not regulated as a dangerous Good. No special transport requirements are necessary.
UN Number:	None allocated
Class:	None allocated
Subsidiary Risk 1:	None allocated
Packaging Group:	None allocated
Hazchem Code:	None allocated

SECTION 15: REGULATORY INFORMATION

Classification: Classified as Non Hazardous according to ASCC/NOHSC criteria. Classified as Non Dangerous Goods according to criteria of the Australian Dangerous Goods Code.

Poisons Schedule: None allocated

SECTION 16: OTHER INFORMATION

Additional information and reference documents: National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)], April 2003. National Code of Practice for the Labelling of Workplace Substances [NOHSC:2012 (1994)], March 1994, Australian Government Publishing Service, Canberra. This MSDS was correct at the time it was prepared (see below for date). The Supplier, as part of its Health and Safety Programme, updates MSDS's when its ongoing review process indicates a need for a change to be made.

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Revision Summary
Supersedes Issue Date: November 2007
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