

RAPIDWALL

MATERIAL SAFETY DATA SHEET

Manufacturer:
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Distributor:

IMPORTANT NOTICE: This Material Safety Data Sheet (MSDS) is issued by Rapidbuilding Systems Pty Ltd in accordance with Worksafe Australia guidelines. As such, the information contained herein must not be altered, deleted or added to. Rapidbuilding Systems Pty Ltd will issue a new MSDS when there is a change in product specifications and/or Worksafe Australia guidelines/regulations. Rapidbuilding Systems Pty Ltd will not accept any responsibility for any changes made to its MSDS in content by any other person or organisation.

IDENTIFICATION

Product Name:	Rapidwall
UN Number:	None allocated
Trade Name:	Rapidwall
Dangerous goods class:	None allocated
Subsidiary risk:	None allocated
Hazchem code:	None allocated
Poisons schedule number:	Non scheduled
Use:	Rapidwall is used as a wall panel, for permanent formwork or for roofs. The same ingredients are also used to manufacture reveals, corner moulds and quoins.

Physical Description Properties

Appearance:	Off white panel
Odour:	Slight plaster odour
Melting point:	1450°C (plaster), 1200°C (fibreglass strand)
Flammability:	Not flammable
Specific gravity (water=1):	1.0 (approximately)
Molecular weight:	136.14 (plaster)
Auto ignition temperature:	Does not auto-ignite
pH:	7.5-8.5

Ingredients

Chemical Entity:	CAS No.:	Proportion:
Calcium sulphate hemihydrate	7778.18.9	>94.5%
Calcium sulphate dihydrate	10101.41.4	<1%
Fibreglass Strand	-	2.0%
Water Repellent	63148-57-2	<1%
Polymer	52383-89-8	0.4%-1.0%
Grease, retarder etc	-	<0.5%

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Note: The quartz content of plaster is less than 0.1% and it does not contain asbestos or asbestiform fragments.

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE HEALTH EFFECTS

Swallowed:

Unlikely under normal conditions of use, but swallowing the dust may result in abdominal discomfort.

Eye:

The dust may irritate the eyes causing watering and redness.

Skin:

The dust, particularly in association with heat and sweat, may cause irritation but it is not absorbed through the skin.

Inhaled:

The dust may cause irritation of the nose, throat and lungs resulting in excess mucus and coughing. The fibreglass strand is not respirable.

CHRONIC HEALTH EFFECTS

Inhaled:

Repeated exposure to the dust may result in increased nasal and respiratory secretions and coughing, but not irreversible health effects.

FIRST AID

Swallowed:

Give copious amounts of water to drink.

Eye:

Flush thoroughly with flowing water for at least ten minutes. If symptoms persist, seek medical attention.

Skin:

Wash thoroughly with soap and water.

Inhaled:

Remove to fresh air.

Advice to Doctor:

Treat symptomatically.

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PRECAUTIONS FOR USE

EXPOSURE STANDARDS

Worksafe Australia Exposure Standard:

There is no specific standard for plaster but the calcium sulphate standard should apply.

Calcium sulphate: 10 mg/m³ time weighted average (TWA)

Rapidbuilding Systems recommendation:

Keep exposures to dust as low as practicable.

Engineering controls, general housekeeping and work practices:

General room ventilation should be adequate, but local mechanical ventilation may be required if dust is generated, particularly in confined spaces.

Work practices should minimise the release of, and exposure to dust.

Work areas should be cleaned regularly by wet sweeping or vacuuming.

Personal protective equipment:

If engineering controls and work practices are not effective in controlling dust, then personal protective equipment may be required.

Skin protection:

Loose comfortable clothing should be worn. Direct skin contact should be avoided by wearing long sleeved shirts and long trousers, a cap or hat, and gloves.

Eye protection:

Ventilated non-fogging goggles should be worn when working in a dusty environment.

Respiratory protection:

An approved particulate respirator conforming to Australian Standards AS1715 and AS1716 should be worn when working in a dusty environment.

Respirators should be correctly fitted, maintained in good condition, and kept in clean storage when not in use. Replaceable filters and cartridges should be replaced regularly in accordance with the manufacturers' guidelines and Australian Standards AS1715 and AS1716.

Flammability and thermal decomposition:

Rapidwall is non flammable.

Avoid a build up of dust and keep all storage and work areas well ventilated.

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SAFE HANDLING EQUIPMENT

Storage and transport:

This product should be stored and transported in its transport stillages.

No other special transport requirements are necessary.

Spills and disposal:

Dust and waste should be cleaned up by bagging, wet sweeping and/or vacuuming. Waste should be placed into containers and disposed of as trade waste in accordance with local waste disposal authority guidelines.

Fire/explosion hazard:

Not applicable.

CONTACT POINT

For further information on this product, please contact Rapidbuilding Systems Pty Ltd, 35 Willowmavin Road, Kilmore Vic. 3764, Ph: 03 5782 0534, Fax: 03 5782 0531.

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