

# MATERIAL SAFETY DATA SHEET

Approved by Quickwall Australia Pty Ltd

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Product Name: **F.R.C.**

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Infosafe No N/A

## IDENTIFICATION

Product Name	<b>F.R.C.</b>
UN Number	None Allocated
DG Class	None Allocated
Packing Group	None Allocated
Hazchem Code	None Allocated
Classified	Nuisance Dust
Poisons Schedule	Not Scheduled
Product Use	Surface Coatings – used as a substrate and basecoat plaster in conjunction with a liquid polymer – Q.W. 2000
Other Names	<b>Fibre Reinforced Cement</b>

## PHYSICAL DATA / PROPERTIES

Appearance	A white to grey finely ground, odourless powder, silica sands, and additives.
Melting Point	1200 deg. C
Combustibility	Non-combustible and non-explosive.
Unit Mass	2,400 – 2,800 kg/m <sup>3</sup>
Flash Point	Not applicable
Solubility in Water	Slightly soluble in water - Hardens when mixed with water
Specific Gravity	2.5kg per litre
pH	12.5 - 13

## INGREDIENTS / CHEMICAL ENTITY

		<b>% by weight</b>
Tricalcium Silicate	3CaO.SiO <sub>2</sub>	25 – 70
Dicalcium silicate	2CaO.SiO <sub>2</sub>	10 – 50
Tricalcium Aluminate	CaO.Al <sub>2</sub> O <sub>3</sub>	1 – 14
Tetra Calcium Alumina Ferrite	4CaO.Al <sub>2</sub> O <sub>3</sub> .Fe <sub>2</sub> O <sub>3</sub>	1 – 20
Gypsum		4 – 7
Minimal amounts of	CaO, MgO, Na <sub>2</sub> SO <sub>4</sub> , K <sub>2</sub> SO <sub>4</sub>	
Traces of hexavalent chrome		
Mono Fibre	Cas No. 2501-419	

## HEALTH HAZARD INFORMATION

### HEALTH EFFECTS

Acute – Swallowed FRC Cement is classified as a nuisance dust. Exposure can irritate skin, eyes, and mucous membrane.

Long Term Exposure Wet FRC can dry the skin and cause alkali burns. In dust form, it can irritate the eyes and upper respiratory system. There may be trace amounts of hexavalent chromium present in and in some individuals this may cause dermatitis.

### FIRST AID

Swallowed Wash mouth and lips with water and seek medical attention.

Eyes Irrigate eyes immediately and repeatedly with clean water and seek medical

Skin	advice. Wash with soap and water.
Inhaled	Move to fresh air and wash with water and seek medical attention if effects persist.
First Aid Facilities	Ensure eye wash bath and safety shower are readily accessible.

#### PRECAUTIONS FOR USE

Exposure Limits Name	FRC Cement is classified as an inert nuisance dust with a TLV of 10 mg/m <sup>3</sup> . Wet cement on the skin can cause alkali burns. Continued exposure to individuals allergic to chromium could cause severe allergic dermatitis.
Ventilation	Local exhaust can be used if necessary to control airborne dust levels. Persons with a history of respiratory illness should avoid work places with high dust levels.
Personal Protection	In dusty environments, the use of filter masks as in AS1716 (Class L) and tight fitting goggles is advised. Use of barrier creams or impervious gloves, boots and clothing to protect the skin from contact with wet Cement is recommended. Following work with Quickwall Cement workers should shower with soap and water.
Flammability	FRC Cement is non-combustible.

#### SAFE HANDLING INFORMATION

Handling and Storage	FRC Cement is distributed in plastic lined paper sacks. Storage must be designed to prevent ingress of moisture which would cause the Cement to harden. Transport may be by road, rail or ship.
Spills & Disposal	If spilled, Quickwall Cement may be cleaned up using dry methods that do not disperse dust into the air. Avoid breathing the dust and wear protective clothing if necessary. Emergency procedures are not required. Cement can be treated as a common waste for disposal or returned to the container for later use if it is not contaminated or wet.

#### CONTACT POINT

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