

This product is classified as hazardous according to the Safe Work Australia and NOHSC guidelines.

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	Euromix® Multi Render
Product Code	RENMULTI
Material Use	Pre-blended, acrylic modified, cement based render that is suitable for decorative rendering and patching over most substrates for interior and exterior use. Applied by hand or machine in layers ranging from 2mm to 10mm at a time, depending on type.
Appearance	Before mixing with water the material appears as a light grey or off-white blend of finely ground sand and powders with diameter < 1.0mm.
Supplier	Euroset Manufacturing Pty Ltd
Address	13 / 65 Elizabeth Street Wetherill Park NSW 2164
Telephone	(02) 9002 5820
Fax	(02) 9002 5824
Email	admin@euromix.com.au

2. HAZARD IDENTIFICATION

Dangerous Goods Class/Subsidiary Risk	None allocated
Hazchem Code	None allocated
Poisons Schedule Number	None allocated

3. MATERIAL COMPOSITION

Chemical Name	CAS number	Proportion
Portland Cement	65997-15-1	>20%
Hydrated Lime (Ca[OH] ²)	1305-62-0	>5%
Crystalline Silica (SiO ²)	14808-60-7	>75%
Hexavalent Chromium	18540-29-9	<2ppm
Emulsifiers	9004-65-3	<0.3%

4. FIRST AID

Swallowed	Rinse mouth and lips with water. Do not induce vomiting. Give plenty of water to drink to dilute stomach contents. If symptoms persist seek medical attention or contact the Poisons information Service (phone; 131 126).
Eyes	Flush thoroughly with flowing water for at least 15 minutes. Seek urgent medical attention.
Skin	Wash thoroughly with water.
Inhaled	Remove from dusty area to fresh air. If symptoms persist, seek medical attention.
First Aid Facilities	Eye-wash station
Notes to Doctor	Treat symptomatically.

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5. FIRE FIGHTING MEASURES

Specific Hazards	Non-combustible material
Fire Fighting Advice	Non-combustible material
Extinguishing Media	Non-combustible material

6. ACCIDENTAL RELEASE MEASURES

Dry Spills	Minimise dust levels and exposure while collecting the material (use mechanical ventilation or extraction where available) by damp sweeping or vacuuming. Can be slippery when wet. Collect in containers and dispose of as trade waste in accordance with site and local authority guidelines. Keep out of sewer and storm water drains.
Wet Spills	Slippery when wet. Clean up immediately – Collect in containers and dispose of as trade waste in accordance with the site and local authority guidelines. Keep out of sewer or storm water drains.

7. HANDLING AND STORAGE

Handling	Euromix® Render is supplied in 20 kg bags – recognized local safe lifting methods should be used. Avoid repeated skin contact with both the dry powder and the wet mixture.
Storage / Transport	Drivers of trucks and forklifts transporting Euromix® Render should ensure that the sacks are properly restrained. Store off the floor, in a dry place and in the original bags.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	NOHSC Exposure Standards
Portland Cement	10 mg/m ³
Hydrated Lime (Ca[OH] ²)	5 mg/m ³ (8h TWA)
Crystalline Silica (SiO ²)	0.2 mg/m ³
Hexavalent Chromium	0.05 mg/m ³
Emulsifiers	10 mg/ m ³

Keep exposure to dust as low as possible, to minimise health problems such as skin, eye and respiratory irritation. Avoid repeated skin contact with both the dry and the wet mixtures. Carry out work in such a way to minimise the exposure to dust and repeated skin contact. Use mechanical ventilation or extraction to minimize exposure where dust will be generated whilst handling the render. Work areas should be cleaned regularly by wet sweeping or vacuuming.

If preparation of the substrate to be rendered requires cutting or grinding of masonry then ensure that goggles, respirators and hearing protection are available and that they are worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point / Melting Point	N/A
Vapour Pressure	N/A
Specific Gravity	Average SG approximately 2.7
Bulk Density	1500 to 1700 kg/m ³
Flashpoint	N/A
Flammability Limits	N/A
Solubility in Water	Slight, hardens on mixing with water
Particle Size	< 2 mm
pH	Approximately 12

10. STABILITY AND REACTIVITY

Considered inert in powdered and solid state. Material will set when mixed with water and then allowed to dry.

11. TOXICOLOGICAL INFORMATION

Ingestion	May cause burning sensation and abdominal discomfort. Corrosive to mouth and throat. If ingested rinse mouth and lips with water. Do not induce vomiting. Ingest water to dilute stomach contents. If symptoms persist, seek medical attention.
Eye Contact	Irritating and corrosive to eyes. May cause chemical conjunctivitis, redness and watering of eyes with damage to cornea. If affected flush eyes thoroughly with flowing water for at least 15 minutes. Seek urgent medical attention.
Skin Contact	Prolonged and repeated skin contact with wet mortar may cause both irritant dermatitis and allergic (contact) dermatitis. The latter is due to the presence of traces of water-soluble hexavalent chromium in cement. To help prevent dermatitis workers should apply barrier cream before commencing work. If exposed to dust on skin wash thoroughly with water – a shower may be required.
Inhalation	Inhalation of dust through prolonged, repeated exposure can cause bronchitis, silicosis (scarring of the lung) It may also increase the risk of scleroderma (a disease affecting the connective tissue of the skin, joints, blood vessels and internal organs) and lung cancer. Epidemiological studies have shown that smoking increases the risk of bronchitis silicosis (scarring of the lung) and lung cancer. If affected by inhaled dust, remove the operator from the dusty area to fresh air. If symptoms persist, seek medical attention.
Chronic Health Effects	Long term exposure to high dust concentrations may cause deterioration in lung function. Exposure to the material in both the powder and wet state can cause an allergic form of dermatitis in sensitised users.

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12. ECOLOGICAL INFORMATION

Collect dust and waste in containers and dispose of as trade waste in accordance with local authority guidelines. Do not dispose of in sewer and storm water drains.

13. DISPOSAL CONSIDERATIONS

No special requirements - Refer to Waste Management Authority and building site Management for local disposal guidelines.

14. TRANSPORT INFORMATION

Road and Rail	Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).
Marine	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code).
Air	Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulation.

15. REGULATORY INFORMATION

The International Agency for research on cancer (IARC) has classified "Crystalline Silica" (Quartz or Cristobalite) As a Group 1 – Confirmed Human Carcinogen.

Studies have shown that smoking increases the risk of occupational respiratory diseases including those associated with exposure to crystalline silica. It is recommended that all storage and work areas should be smoke-free zones.

16. OTHER INFORMATION

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Users are advised to make their own determination as to the suitability of this information in relation to their particular purposes and specific circumstances.

Users must, prior to usage, assess and control the risks arising from its use of the material as Euroset Manufacturing cannot anticipate or control the conditions under which the product may be used.

The information herein is given in good faith, but subject to the Trade Practices Act 1974, no warranty, expressed or implied is made.

For further information users should contact Euroset, via the contact details listed in Section 1 on Page 1 of this MSDS.

17. CONTACT POINT

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