

Rendex® Medium Render

Based on available information, not classified as hazardous according to criteria of NOHSC.
Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Rendex® Medium Render
Product Code(s): RR-MEDIUM
Supplier: Prestige Wall Systems Pty Ltd trading as Prestige Wall Systems
ABN: 97 157 346 486
Street Address: 24 Humphries Tce, Kilkenny SA 5009
Telephone Number: +61 8 8244 1999
Facsimile Number: 1300 676 233
Emergency Number: 1300 663 118 (all hours)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Product Description: Cement render for brick, masonry, fibre cement sheet, expanded polystyrene and concrete walls. Applied by trowel. Grey powder.

| Components | CAS Number | Proportion |
|--------------------------------------|------------|------------|
| Portland Cement | 65997-15-1 | 10-20% |
| Hydrated Lime (Ca[OH] ₂) | 1305-62-0 | 0-20% |
| Sand (Crystalline silica) | 14808-60-7 | 60-80% |
| Hexavalent Chromium (water soluble) | 18540-29-9 | <2ppm |

3. HAZARDS IDENTIFICATION

Poisons Schedule: None allocated.

4. FIRST AID MEASURES

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| Inhalation | Remove victim from area of exposure - avoid becoming a casualty. Seek medical advice if symptoms persist. |
| Skin Contact | Wash thoroughly with water. A shower using soap and water may be required. If irritation occurs seek medical advice. |
| Eye Contact | Wash out immediately and flush with flowing water for at least 15 minutes. Seek urgent medical attention. |
| Ingestion | Rinse mouth and lips with water. If swallowed, give a glass of water to drink. Do not induce vomiting occurs give further water. Seek medical advice if symptoms persist. |

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

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| Specific Hazards: | Non-combustible material. |
| Fire-fighting advice: | Non-combustible material. |

6. ACCIDENTAL RELEASE MEASURES

Sweep, vacuum or shovel spilled material whilst trying to minimize dust generation. Wear protective equipment to prevent skin and eye contact. Collect in properly labelled containers and dispose of as trade waste according to local authority guidelines. Keep out of sewer and stormwater drains.

7. HANDLING AND STORAGE

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| Handling advice | Recognised safe lifting methods should be used. |
| Storage advice | Store off the floor in a dry place in the original bags. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

| Exposure standards: NOHSC (Worksafe Australia) Exposure Standard | |
|--|------------------------------|
| Portland Cement | 10 mg/m ³ |
| Hydrated Lime | 5 mg/m ³ (8h TWA) |
| Crystalline Silica (quartz) | 0.1 mg/m ³ |
| Hexavalent Chrome | 0.05 mg/m ³ |

Where a State or Territory prescribes a lower exposure standard, the lower exposure standard applies.

Manufacturers' recommendations:

- Keep exposure to dust as low as practicable, to minimise health problems such as skin, eye and respiratory irritation.
- Avoid repeated skin contact with both the dry powder and the wet mixture.

Engineering Control Measures:

Avoid generating dust. All work with cement based materials (eg. render) should be carried out in such a way as to minimise exposure to dust and repeated skin contact. Where dust could be generated whilst handling cement, use local mechanical ventilation or extraction to minimise exposure to those involved. Follow personal protection instructions if no local exhaust ventilation is available.

Work areas should be cleaned regularly by wet sweeping or vacuuming. If generating dust can not be avoided, see personal protection recommendations below.

Personal Protective Equipment:

Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Avoid breathing dust when sanding. Wet sand or use a dust mask. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

Personal Protection

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| Skin | Wear loose comfortable protective clothing and impervious boots. Apply barrier cream to hands or wear gloves (AS 2161). Wash thoroughly after handling. Wash work clothes regularly. |
| Eyes | Safety spectacles with side shields or safety goggles (dust resistant AS/NZS 1336) should be worn if dust is likely to be generated. |
| Respiratory | If dust is generated wear a class P1 or P2 particulate respirator (AS/NZS 1715 and 1716). Use only respirators which bear the Australian Standards mark and are fitted correctly. |

Note: Persons with facial hair will have difficulty in obtaining a satisfactory face seal. For alternatives see AS/NZS 1715: Selection and use of respiratory protective devices.

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Physical state | Dry powder | Autoignition Temperature (°C) | Not Applicable |
| Colour | Light grey or off-white | % Volatile by Volume | Not Applicable |
| Solubility | slight, hardens on mixing with water | Melting Point/Range (°C) | Not Applicable |
| Specific Gravity | Average SG approximately 2.7 | Boiling Point/Range (°C) | Not Applicable |
| Bulk Density | 1500-1700 kg/m ³ | Decomposition Point (°C) | Not Available |
| Relative Vapour Density (air=1) | Not Applicable | pH | Approximately 12 |
| Vapour Pressure (20 °C) | Not Applicable | | |
| Flash Point (°C) | Not Applicable | | |
| Flammability Limits (%) | Not Applicable | | |

10. STABILITY AND REACTIVITY

Stability: No information available.

11. TOXICOLOGICAL INFORMATION

Health Effects:

Acute (effects may occur immediately or shortly after a single exposure)

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| Swallowed | May cause burning sensation and abdominal discomfort. Corrosive to mouth and throat. |
| Eyes | Irritating and corrosive to eyes. May cause chemical conjunctivitis and redness and watering of eyes with damage to cornea. |
| Skin | Irritating and drying to skin. May cause alkaline burns and irritant or allergic dermatitis, especially when wet. Water soluble hexavalent chromium may sensitise individuals. |
| Inhaled | Irritating to nose, throat and respiratory system causing coughing and sneezing. |

Chronic (effects may occur after repeated or prolonged exposure)

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| Inhaled | 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. |
| Skin | 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. |

12. ECOTOXICOLOGICAL INFORMATION

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for disposal at approved land waste site.

14. TRANSPORT INFORMATION

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|-------------------------|---|
| Road and Rail Transport | Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail. |
| 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. |

15. REGULATORY INFORMATION

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

The International Agency for research on cancer (IARC) has classified "Crystalline Silica" (quartz or cristobalite) as a Group 1 - Confirmed Human Carcinogen.

Smoking: 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.

Reason(s) for Issue:

Review of Content

- This SDS 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. Since Prestige Wall Systems cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.
- If clarification or further information is needed, the user should contact Prestige Wall Systems using the contact details on page 1.
- Prestige Wall Systems responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.