

Safety Data Sheet

Sand and Cement



15A Malcolm Crt, Kealba 3021
(03) 9364 4489
ultra.tex@hotmail.com
ABN: 50 119 993 412

Section 1.	Material Information
Product Name:	Sand and Cement (render)
Manufacturer:	Ultratex Wall Cladding & Coating Pty Ltd
Recommended Use:	Sand and cement can be used for bedding roof tiles, laying bricks, topping mix below and above proof course and areas where high durability is required
Emergency Contact:	131 126

This product is classified as HAZARDOUS according to Safe Work Australia criteria.
Classified as a dangerous good by the criteria of the ADG code, IMDG or IATA.

Section 2.	Hazard Identification
Risk:	Irritating to respiratory system and skin. Risk of serious damage to eyes.
Harmful:	Contains crystalline silica, danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.
Poison Schedule:	None allocated.

Section 3.	First Aid Measures
Inhalation:	Remove from dusty area to fresh air. If symptoms persist, seek medical attention.
Skin Contact:	Remove heavily contaminated clothing immediately. Wash off skin thoroughly with water. A shower may be required. Seek medical attention for persistent irritation or burning of the skin.
Eye Contact:	If wet mortar is splashed in to the eyes flush thoroughly with flowing water until advised to stop by a poisons Information Centre or a doctor.
Ingestion:	Rinse mouth and lips with water. Do not induce vomiting. Give water to drink to dilute stomach contents. If symptoms persist, seek medical attention.
Notes to physician:	Treat symptomatically, can cause corneal burns.

For advice, contact a Poisons Information Centre (Phone - Australia 131 126) or a doctor.

Section 4. Composition / Information of Ingredients

Components	CAS Number	Proportion
Sand	14808-60-7	70-85%
Portland Cement	65997-15-1	15-30%
Crystalline Silica (Quartz)	14808-60-7	<1%

Section 5. Fire Fighting Measures

Specific Hazards:	Not flammable. Does not support combustion of other materials.
Fire-fighting advice:	No fire or explosion hazard exists.

Section 6. Accidental Release Measures

If spillage (bulk), contact emergency services if appropriate. Wear dust proof goggles, PVC/rubber gloves, a Class P2 respirator (where an inhalation risk exists), coveralls and rubber boots. Clear area of all unprotected personnel. Prevent spill entering drains or waterways. Collect and place in sealable containers for disposal or reuse. Avoid generating dust.

Section 7. Handling and Storage

Handling advice:	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.
Storage advice:	Store off the floor in the original bags in a cool, dry, well ventilated area, removed from excessive moisture and heat. Ensure packages are adequately labelled, protected from physical damage and sealed when not in use.

Section 8. Exposure Controls / Personal Protection

Ventilation:	Do not inhale dust/powder. Use with adequate ventilation. Where a dust inhalation hazard exists, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.
Exposure Standards:	Crystalline Silica (Quartz) (14808-60-7) ES-TWA: 0.1 mg/m ³ (Respirable Dust) Portland Cement (65997-15-1) ES-TWA: 10 mg/m ³ (Respirable Dust)
PPE:	Wear dust proof goggles/safety glasses and rubber or PVC gloves. Where an inhalation risk exists, wear clear P2 respirator. If there is potential for prolonged and/or excessive skin contact, wear a long sleeve shirt and full-length trouser coveralls. At high dust levels, wear a Class P3 respirator or a Powered Air Purifying Respirator (PAPR) with class P3 filter.



Section 9. Physical and Chemical Properties	
Physical state:	Powder
Odour:	Odourless
pH (in water):	Approximately 12
Vapor Pressure:	Not Available
Vapor Density:	Not Available
Boiling Point:	Not Available
Melting Point	> 1200oC
Evaporation Rate:	Not Applicable
Bulk Density:	1500-1700 kg/m3
Particle Size:	< 2 mm
Solubility (water):	Slight, hardens when mixing with water.
Specific Gravity:	2.9 to 3.2
% Volatiles:	Not Available
Flammability:	Non-Flammable
Flash Point:	Not Relevant
Upper Explosion Limit:	Not Relevant
Lower Explosion Limit:	Not Relevant
Autoignition:	Not Available

Section 10. Stability and Reactivity	
Stability:	Chemically Stable. Stable under normal conditions of use.
Incompatible Materials:	Incompatible with oxidizing agents (e.g. hypochlorite), ethanol, acids (e.g. hydrofluoric acid) and Interhalogens (e.g. chlorine trifluoride). Water contact may increase the temperature of product.

Section 11. Toxicological Information

No adverse health effects are expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	Ingestion may result in burns to the mouth and throat, with vomiting and abdominal pain. Due to product form, ingestion is not considered a likely exposure route.
Eye contact:	Irritant upon contact with powder/dust. Over exposure may result in pain, redness, corneal burns and ulceration with possible permanent damage.
Skin contact:	Irritating to the skin. Prolonged and repeated contact with powder or wetted form may result in skin rash, dermatitis and sensitisation.
Inhalation:	Material is irritant to the mucous membranes of the respiratory tract (airways).
Mutagenicity:	Insufficient data available for this product to classify as a mutagen.
Carcinogenicity:	Dry mortar mix is not classified as a carcinogen by NOHSC. Crystalline silica is classified as carcinogenic to humans (IARC Group 1), however due to low levels present and product application, the criteria for classification is not met.

Section 12. Ecotoxicological Information

Toxicity:	Product forms an alkaline product when mixed with water. This product is nontoxic to aquatic life forms when present in cured solid form.
Persistence and Degradability:	Product is persistent and would have a low degradability.
Mobility in Soil:	A low mobility would be expected in a landfill situation.

Section 13. Disposal Considerations

Waste Disposal:	Reuse or recycle where possible. Alternatively, ensure product is covered with moist soil to prevent dust generation and dispose of to an approved landfill site. Contact the manufacturer for additional information.
Legislation:	Dispose of in accordance with relevant local legislation. Keep out of sewer stormwater drains.

Section 14.	Transport Information
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.

Section 15.	Regulatory Information
Classification:	This material is hazardous according to criteria NOHSC.
Risk:	Irritating to respiratory system and skin. Risk of serious damage to eyes. Harmful: danger of serious damage to health by prolonged exposure through inhalation. May cause cancer by inhalation.
Safety Precautions:	Do not breathe dust. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Poisons Schedule:	None allocated.

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

Section 16.	Other Information
This material safety data sheet has been prepared by Ultratex Wall Cladding & Coatings Pty Ltd - Technical Department	
Reason(s) for Issue:	Revised MSDS

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. Since Ultratex 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 Ultratex using the contact details on page 1. Ultratex Wall Cladding & Coatings Pty Ltd.'s responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request