



CLAYMAN

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SAFETY DATA SHEET

5170	WHITE SAND (PLACING SAND)
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1. Identification of substance/preparation and of the company undertaking

Trade Name:	White Sand
Chemical Name:	-

2. Composition /information on ingredients

Silica sands are typically composed of a minimum of 97% quartz and have a variety of uses in industrial and ceramic applications.

3. Hazards Identification

Dust form Silica sand may be harmful by inhalation. In case of insufficient ventilation wear suitable respiratory protection equipment. Do not use Silica sand for dry sand blasting.

4. First Aid Measures

Summary of first aid is as follows:	Unlikely to be hazardous if handled correctly.
Inhalation:	Remove to fresh air, give water to drink.
Skin Contact:	Wash with water.
Eye Contact:	Contact with eyes may cause irritation and should be irrigated with copious amounts of water.
Ingestion:	Remove to fresh air, give water to drink.

5. Fire Fighting Hazards

Suitable extinguishing media:	No fire or explosive hazard.
Unsuitable extinguishing media:	No fire or explosive hazard.
Special exposure hazards in fire:	No fire or explosive hazard.

6. Accidental Release Measure

Personal precautions:	Do not breathe fine dust.
Environmental precautions:	No Danger.
Methods for cleaning:	Vacuum systems. Utilise water spraying to prevent airborne dust. Avoid dry sweeping, which creates dust.



7. Handling & Storage	
Handling:	Assess manual handling requirements.
Storage:	Bags should be palletised and kept dry. Bulk products should be stored in silos and kept dry.

8. Exposure Control/Personal Protection	
Engineering controls:	Dust extraction to comply with requirements of the COSHH Regulations 1988
Exposure Control Limits:	Max. Exp. Limit (MEL) = 0.4mg/m ³
Respiratory Protection:	Dust Masks, Airstream helmets to an approved standard.
Eye protection:	Goggles to an approved standard.

9. Physical & Chemical Properties	
Appearance:	Fine, free flowing white to pink powder depending on grade.
Odour:	None.
pH:	N/A
Boiling Point/ Range:	N/A
Melting Point/ Range:	N/A
Flash Point (° C) (closed or open cup):	N/A
Flammability (Gas/Solid):	N/A
Auto Flammability:	N/A
Explosive properties:	N/A
Oxidising properties:	N/A
Vapour Pressure:	N/A
Relative density:	2.65
Solubility (water and fat):	Insoluble

10. Stability & Reactivity	
Conditions to avoid:	None
Materials to avoid:	None.
Hazardous Decomposition products:	None.

11. Toxicological Information	
Harmful: Possible risk of irreversible effects through inhalation. Danger of cumulative effects. Long term exposure can cause permanent damage to lungs and disease such as Silicosis. Silicosis is a reportable disease to the HSE.	

12. Ecological Information	
Not hazardous	



13. Disposal Considerations	
Safe handling of any residues/ waste product: As an inert material, an approved solid waste disposal or landfill site may be used.	

14. Transport Information	
Special carriage precautions:	Nil – Material suitable for bulk tankers and sealed bags.

15. Regulatory Information		
Supply Label Information - Not classified:	The following risk and safety phrases are recommended.	
R- Phrases	R20	Harmful by inhalation.
S- Phrases	S22	Do not breathe dust.

16. Other Information	
The data presented here corresponds to the present state of our knowledge and experience and are intended to describe our product with respect to possible safety demands. We imply with this however no guarantee of properties or description of qualities.	