



MATERIAL SAFETY DATA SHEET

NON-HAZARDOUS SUBSTANCE ACCORDING TO WORKSAFE AUSTRALIA

1. IDENTIFICATION

Product Name: Filter Sand

Other Names: Filter gravel

Recommended Uses: Filter media is produced to rigorous specifications, allow certain components to be trapped, allowing liquids etc to flow on.

Supplier Name: Telford Industries

Street Address: 7 Valentine Street, Kewdale WA 6105

Telephone: 1800 835 115

Facsimile: 1800 835 222

Emergency Telephone Number: 0409 313 441

2. HAZARDS IDENTIFICATION

This material is non-hazardous according to health criteria of NOHSC Australia.

Hazard Category:

No data available.

Risk Phrase(s):

No data available.

Safety Phrase(s):

No data available

3. COMPOSITION / INGREDIENTS INFORMATION

| CHEMICAL NAME | CAS NUMBER | PROPORTION |
|-----------------------------|-------------------|-------------------|
| Crystalline Silica (Quartz) | 14808-60-7 | ~94% |
| Chart | not required | 1-5% |
| Other non-hazardous | not required | 1-5% |

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone 131 126)

Inhalation: Remove from exposure to fresh air. Monitor for respiratory distress. Seek medical attention if irritation occurs.

Skin Contact: Remove contaminated clothing and wash skin thoroughly with soap and water.

Eye Contact: Flush with plenty of water for at least 15 minutes, ensuring eyelids are held open and seek medical advice if irritation persists.

Ingestion: Drink plenty of water and seek medical advice if irritation develops. Do NOT induce vomiting.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Specific Hazards: Product is a non-flammable does not support combustion of other materials, and will not cause dust explosions.

Fire-fighting further advice: Not applicable

Suitable extinguishing media: Not applicable

Hazchem Code: Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal: Prevent entering sewer, storm water drains or waterways. Avoid creating dust wet media or use vacuum to remove spill.

Dangerous Goods - Initial Emergency Response Guide No: Not applicable.

7. HANDLING AND STORAGE

Handling: Not applicable

Storage: No special storage precautions required.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards: CRYSTALLINE SILICA TWA.01 mg/m³ respirable dust. TOTAL RESPIRABLE DUST TWA 10mg/m³ (TWA maximum in a 8 hour period)

Biological Limit Values: No information available on biological limits for this product.

Engineering Controls: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible.

Personal Protective Equipment: RESPIRATOR: Select and use respirators in accordance with AS/NZS 1715/1716. If used in poorly ventilated or very confined spaces, a standard disposable dust mask fitted with a type P1 filter should be used that complies with AS1716 Respiratory devices and used in accordance with AS1715 which describes use and maintenance. Where dust is generated the use of an air purifying respirator with a class P1 filter. EYES: Safety glasses. HANDS: PVC or rubber. CLOTHING: PVC or rubber apron, overalls, safety boots/shoes

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odour: Fine to coarse grains varying in colour from brown/grey to light grey.

pH: 8-11

Vapour Pressure: Not available

Vapour Density: Not available

Boiling Point/Range °C: Not available.

Melting Point/Range °C: >1000°C.

Solubility in Water: Insoluble.

Specific Gravity: Approximately 2.6

Flash Point (°C): Not available

Flammability Limits (%): Not available

Ignition Temperature (°C): Not available

Molecular Formula: Not available.

Additional Information:

(Typical values only – consult specification sheet)

10. STABILITY AND REACTIVITY

Chemical Stability: Product is stable under normal conditions of use, storage and temperature.

Conditions to Avoid: Not applicable

Incompatible Materials: Not applicable

Hazardous Decomposition Products: will not occur.

Hazardous Reactions: No data available.

11. TOXICOLOGICAL INFORMATION

Acute Effects

Inhalation: May cause irritation to the mucous membrane and upper airways. Repeated inhalation of dust may result in excessive mucous and coughing. Product may contain crystalline silica, repeated inhalation of high concentrations of respirable dust may cause scarring of the lung (silicosis) and chronic bronchitis, may increase the risk of scleroderma (thickening of the connective tissue) and kidney disease.

Skin Contact: May cause irritation to sensitive skin.

Eye Contact: May cause mechanical irritation in contact with the eyes, which can result in redness and itching. Not anticipated to cause permanent eye injury.

Ingestion: Not a likely source of exposure. May cause irritation to mouth, oesophagus and stomach.

Long Term Effects: No data available.

Acute Toxicity / Chronic Toxicity: No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence & Degradability: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority.

14. TRANSPORT INFORMATION

Classified as Non Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG code) for transport by road and rail.

| | |
|-------------------------------|-----------------|
| UN No: | Not applicable. |
| Dangerous goods Class: | Not applicable. |
| Packing Group: | Not applicable. |
| Hazchem Code: | Not applicable. |
| Proper Shipping Name: | FILTER SAND |

15. REGULATORY INFORMATION

Poisons Schedule (Aust): Not available.

16. OTHER INFORMATION

Telford Industries reserves the right to change the chemical specifications without notice.

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarises Telford Industries best knowledge of the health and safety hazard information of the selected substance and how to safely handle the selected substance in the workplace however Telford Industries expressly disclaims that the MSDS is a representation or guarantee of the chemical specifications for the substance.

Each user should read the MSDS and consider the information in the context of how the selected substance will be handled and used in the workplace including its use in conjunction with other substances.

END OF MSDS



TELFORD INDUSTRIES

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