



## IDENTIFICATION

<b>Chemical Name:</b>	Silica Sand	<b>Packing Group:</b>	None Allocated
<b>Ingredients:</b>			
<b>UN No.</b>	None Allocated	<b>Subsidiary Risk:</b>	None Allocated
<b>Molecular Weight:</b>	None Allocated	<b>Primary Supplier:</b>	ALL PURPOSE COATINGS PTY LTD
<b>Dangerous Goods:</b>	None Allocated		

## PHYSICAL DATA

<b>Appearance &amp; Odour:</b>	Granular Solid, Odourless	<b>Boiling Point:</b>	None Allocated
<b>Melting Point:</b>	>1200°C	<b>Vapour Pressure:</b>	None Allocated
<b>Percent Volatiles:</b>	None Allocated	<b>Specific Gravity:</b>	None Allocated
<b>Flammability Limits:</b>	Not Flammable	<b>Evaporative Rate:</b>	None Allocated
<b>Solubility (Water):</b>	<2 g/L	<b>Aromatics:</b>	None Allocated
<b>Flash Point</b>	None Allocated		

## INGREDIENTS

Ingredients	Name CAS	Proportion
Silica	14808-60-7	>60%

## HEALTH HAZARD INFORMATION

### Acute Affects

**Eye:** Contact may result in mechanical irritation, lacrimation and redness.

**Skin:** Contact may result in mechanical irritation, redness, rash and dermatitis.

**Sensitisation:** Not classified as causing skin or respiratory sensitisation.

**Mutagenicity:** Insufficient data available to classify as a mutagen.

**Carcinogenicity:** Crystalline silica is classified as carcinogenic to humans (IARC Group 1). However, there is a body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis.

**Reproductive:** Insufficient data available to classify as a reproductive toxin.

**STOT – single exposure:** Not classified as causing organ damage from single exposure.

**STOT – repeated exposure:** Repeated exposure to respirable silica may result in pulmonary fibrosis (silicosis). Silicosis is a fibronodular lung disease caused by deposition in the lungs of fine respirable particles of crystalline silica. Principal symptoms of silicosis are coughing and breathlessness.

**Aspiration:** This product is a solid and aspiration hazards are not expected to occur.

### First Aid

**Swallowed:** For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). Due to product form and application, ingestion is considered unlikely.

**Eye:** If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

**Skin:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

**Inhaled:** If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

## HEALTH HAZARD INFORMATION

**First Aid Facilities:** Eye wash facilities and safety shower should be available.

**Most important symptoms and effects, both acute and delayed:** Chronic exposure to crystalline silica may result in lung fibrosis (silicosis). Principal symptoms of silicosis are coughing and breathlessness. Crystalline silica is classified as carcinogenic to humans (IARC Group 1).

**Immediate medical attention and special treatment needed:** Treat symptomatically.

## PRECAUTIONS FOR USE

### Exposure Standards

Sand SWA (AUS), TWA 0.1 mg/m<sup>3</sup>

### Personal Protection

Rubber or PVC gloves. Dust proof goggles. Respirator Class P1 or P2

### Other Precautions

Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Store in a cool, dry, well ventilated area, removed from incompatible substances and foodstuffs.

### EMERGENCY 24 HOURS:

POISONS INFORMATION CENTRE  
Herston Rd, Herston  
13 11 26 (All Hours)

### Engineering Controls

Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Wet where possible. Maintain dust levels below the recommended exposure standard.

### Flammability

Non flammable.

### Spill & Disposal

**Waste disposal:** Ensure product is covered with moist soil to prevent dust generation and dispose of to approved Council landfill. Contact the manufacturer/supplier for additional information (if required).

**Legislation:** Dispose of in accordance with relevant local legislation.

### Extinguishing Media

Use an extinguishing agent suitable for the surrounding fire.



**IMPORTANT NOTICE:** Read the SDS and TDS carefully prior to the use of any product. Application, performance & safety data may change from time to time. In emergency, contact the Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice. **IF THE SITUATION IS LIFE THREATENING, DIAL 000.**

**PRODUCT DISCLAIMER:** Read the SDS & TDS carefully before use of any product. These documents contain information in context to how you will apply the product, including if it is being used in conjunction with any other products, the type of surfaces and the manner in which the product will be applied. All Purpose Coatings Pty Ltd does not accept any liability either directly or indirectly for any losses that arise from the use or application of the product in accordance with any advice, specification, recommendation or information given by All Purpose Coatings Pty Ltd.