

# Safety Data Sheet

## Dried sand

### Section 1: Material and Supplier Information

<b>Product Name:</b>	Dried sand
<b>Applicable In:</b>	Australia
<b>Other Names:</b>	Australian builders Dried sand
<b>Recommended Use:</b>	Dried sand can be used for mortar, concrete mixes, filling gaps and paving
<b>Company Details:</b>	Independent Cement & Lime Pty Ltd 750 Lorimer Street Port Melbourne, VIC 3207 ABN 49 005 829 550
<b>Phone:</b>	VIC 03 9676 0000
<b>Fax:</b>	VIC 03 9646 4954

This Material Safety Data Sheet (MSDS) is issued by Building Product Supplies Pty Ltd in accordance with the Code and guidelines from the Australian Safety and Compensation Council (ASCC). The information in it must not be altered, deleted or added to. Building Product Supplies Pty Ltd will not accept any responsibility for any changes made to its MSDS by any other person or organization. Building Product Supplies Pty Ltd will issue a new MSDS when there is a change in product specifications and/ or ASCC standards, guidelines or regulations.

### Section 2: Hazards Identification

**Statement of** This product is classified as HAZARDOUS according to Safe Work Australia criteria. Not Classified as a dangerous good by the criteria of the ADG code, IMDG or IATA.

#### GHS Classifications

Specific Target Organ Systematic Toxicity (Repeated Exposure): Category 2

**SIGNAL WORD**    **WARNING**

**Pictograms**



#### Hazard Statements

H373                      May cause damage to lungs and respiratory tract through prolonged or repeated exposure.



**Independent  
Cement**

Independent Cement & Lime Pty Ltd  
ABN 83 803 695 714  
independentcement.com.au  
E info@independentcement.com.au

Victoria (Head Office)  
750 Lorimer St Port Melbourne VIC 3207  
PO Box 523 Port Melbourne VIC 3207  
T 03 9676 0000  
F 03 9646 4954  
Bulk Cement Orders 1300 137 611

New South Wales  
200 Power St Glendenning NSW 2761  
T 02 9625 8999  
F 02 9625 0470  
Bulk Cement Orders 1300 440 072

**Prevention Statements**

P260 Do not breathe dust/fume/gas/mist/vapours/spray  
 P280 Wear protective masks

**Response Statements**

P314 Get medical advice/attention if you feel unwell.

**Disposible Statements**

P501 Dispose of contents/container in accordance with relevant regulations.

<b>UN No</b>	None Allocated	<b>Hazchem Code</b>	None Allocated	<b>Pkg Group</b>	None Allocated
<b>DG Class</b>	None Allocated	<b>Subsidiary Risk(s)</b>	None Allocated	<b>EPG</b>	None Allocated

**Section 3: Composition / Information on Ingredients**

Ingredient	Formula	Proportion	CAS Number
Sand	Not given	>99%	14808-60-7
Crystalline silica (Quartz)	SiO <sub>2</sub>	<1%	14808-60-7

**Section 4: First Aid Measures**

**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.

**Inhalation:** Remove from dusty area to fresh air. If symptoms persist, seek medical attention.

**Skin:** 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.

**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.

**Advice to Doctor:** Treat symptomatically.

**First Aid Facilities** Eye wash station.

**Additional Aggravated Medical Conditions**



## Information

<b>Inhalation</b>	Over exposure resulting from prolonged and repeated inhalation of dust containing crystalline silica 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 in persons exposed to crystalline silica.
<b>Skin</b>	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.
<b>Eye</b>	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.

## Section 5: Fire Fighting

<b>Flammability:</b>	Not flammable. Does not support combustion of other materials.
<b>Fire and Explosion:</b>	No fire or explosion hazard exists.
<b>Extinguishing:</b>	Non-flammable; Silica sand is an extinguishing medium and fire retardant
<b>Hazchem Code:</b>	None Allocated

## Section 6: Accidental Release Measures

**Precautions for safe handling:** 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.

**Emergency Procedures** Follow safety requirements for personal protection under Section 8 Exposure Controls/Personal Protection.

## Section 7: Handling and Storage

<b>Handling:</b>	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.
<b>Storage:</b>	Store off the floor in the original bags in a cool, dry, well ventilated area, removed from excessive moisture and heat.
<b>Property/Environmental</b>	Refer to Section 13.



## Section 8: Exposure Controls / Personal Protection

### Ventilation

Do not inhale. 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

Silica crystalline- Quartz (14808-60-7)

ES-TWA: 0.1 mg/m<sup>3</sup> (Respirable Dust)

### PPE

Wear dust proof goggles/Safety glasses and rubber or PVC gloves. Where an inhalation risk exists, wear a clear P2 respirator. 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

<b>Appearance</b>	Off white colour granular	<b>Solubility (water)</b>	Slight, hardens when mixing with water.
<b>Odor</b>	Odorless	<b>Specific Gravity</b>	2.9 to 3.2
<b>pH (in water)</b>	Not Available	<b>% Volatiles</b>	Not Available
<b>Vapor Pressure</b>	Not Available	<b>Flammability</b>	Non-Flammable
<b>Vapor Density</b>	Not Available	<b>Flash Point</b>	Not Relevant
<b>Boiling Point</b>	Not Available	<b>Upper Explosion Limit</b>	Not Relevant
<b>Melting Point</b>	> 1200°C	<b>Lower Explosion Limit</b>	Not Relevant
<b>Evaporation Rate</b>	Not Available	<b>Autoignition Temperature</b>	Not Available
<b>Bulk Density</b>	1450 -1800 kg/m <sup>3</sup>		
<b>Particle Size</b>	< 1 mm		

## Section 10: Stability and Reactivity

<b>Chemical Stability:</b>	Chemically Stable
<b>Conditions to Avoid:</b>	Keep free of moisture
<b>Incompatible Materials</b>	Incompatible with strong acids
<b>Decomposition Products:</b>	Unlikely to evolve toxic gases when heated to decomposition.
<b>Hazardous Reactions:</b>	None



## Section 11: Toxicological Information

<b>Acute Toxicity</b>	No known toxicity data for this product.
<b>Eyes</b>	Contact may result in mechanical irritation, redness, rash and dermatitis.
<b>Skin</b>	Contact may result in mechanical irritation, redness, rash and dermatitis.
<b>Sensitization</b>	This product is not known to be a skin or respiratory sensitiser
<b>Mutagenicity</b>	Insufficient data available for this product to classify as a mutagen.
<b>Carcinogenicity</b>	Sand is not classified as a carcinogen by NOHSC. Crystalline silica and hexavalent chromium compounds are classified as carcinogenic to humans (IARC Group 1), however due to low levels present and product application, the criteria for classification is not met.
<b>Reproductive</b>	Insufficient data available to classify as reproductive toxin
<b>STOT-single exposure</b>	Not classified as causing organ effect from single exposure
<b>STOT-repeated exposure</b>	Repeated exposure to respirable silica may result in pulmonary fibrosis (silicosis). Silicosis is a fibronodular lung disease cause deposition in the lungs of fine respirable particles of crystalline silica. Principal symptoms of silicosis are cough and breathlessness
<b>Aspiration</b>	This product is not expected to present an aspiration hazard

## Section 12: Ecological Information

<b>Toxicity</b>	The main component/s of this product are not anticipated to cause any adverse effects to the environment.
<b>Persistence and Degradability</b>	Product is persistent and non-degradable.
<b>Mobility in Soil</b>	A low mobility would be expected in a landfill situation.

## Section 13: Disposal Considerations

<b>Waste Disposal</b>	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.
<b>Legislation</b>	Dispose of in accordance with relevant local legislation. Keep out of sewer stormwater drains.

## Section 14: Transport Information

Not classified as a dangerous good by the criteria of the ADG code.  
Transport is by rail or road in bulk or bag form.  
Drivers of trucks transporting bagged products should ensure that the bags are properly restrained.



<b>Shipping Name</b>	None Allocated				
<b>UN No</b>	None Allocated	<b>Hazchem Code</b>	None Allocated	<b>Pkg Group</b>	None Allocated
<b>DG Class</b>	None Allocated	<b>Subsidiary Risk(s)</b>	None Allocated	<b>EPG</b>	None Allocated

## Section 15: Regulatory Information

**Poison Schedule AICS** A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP). All chemicals listed on the Australian Inventory of Chemical Standards (AICS).

## Section 16: Other Information

**Additional Information** ABBREVIATIONS:  
mg/m<sup>3</sup> – Milligrams per cubic metre  
ppm – Parts Per Million  
ES-TWA – Exposure Standard - Time Weighted Average  
CNS – Central Nervous System  
NOS – Not Otherwise Specified  
pH – relates to hydrogen ion concentration – this value will relate to a scale of 0 – 14, where 0 is highly acidic and 14 is highly alkaline.  
CAS# - Chemical Abstract Service Number – used to uniquely identify chemical compounds.  
IARC – International Agency for Research on Cancer.

**Report Status** This document has been compiled by Building Product Supplies the manufacturer of the product and serves as the manufacturer's Safety Data Sheet.  
While the information in this Safety Data Sheet has been prepared in good faith, Building Product Supplies does not warrant that the information is accurate, complete or up to date.

**Contact Point** For further information on this product contact:  
Telephone: Office hours 03 9676 0060  
Facsimile: 03 9646 4954  
Web site: [www.bpsaust.com](http://www.bpsaust.com)

**Advice Note** The information in this document is believed to be accurate. Please check the currency of this SDS by contacting:  
03 9676 0000  
Or  
[www.bpsaust.com](http://www.bpsaust.com)



Each user of any information, or any product referred to, in this Safety Data Sheet must:

- determine whether the information or product is suitable for their purpose;
- assess and control any risks associated with the information or product; and
- obtain professional advice in relation to the use of the information or product.

To the extent permitted by law, Building Product Supplies:

- excludes all representations, warranties and guarantees in relation to any information in this Safety Data Sheet; and
- will not be liable for any direct, indirect, consequential, incidental, special or economic loss (including but not limited to any loss of actual or anticipated profits, revenue, savings, production, business, opportunity, access to markets, goodwill, reputation, publicity, or use) arising from any use of or reliance on any information in this Safety Data Sheet.

