

Safety Data Sheet

Dried sand

Section 1: Material and Supplier Information

Product Name:	Dried sand
Applicable In:	Australia
Other Names:	Australian builders Dried sand
Recommended Use:	Dried sand can be used for mortar, concrete mixes, filling gaps and paving
Company Details:	Independent Cement & Lime Pty Ltd 750 Lorimer Street Port Melbourne, VIC 3207 ABN 49 005 829 550
Emergency contact details:	Contact Person: Technical Manager Telephone: Office hours 03 9676 0000 or Poison information center 13 11 26
Phone:	VIC 03 9676 0000
Fax:	VIC 03 9646 4954

This Safety Data Sheet (SDS) 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 SDS by any other person or organization. Building Product Supplies Pty Ltd will issue a new SDS 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



**Independent
Cement**

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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

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

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.

Disposal Statements

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

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

Section 3: Composition / Information on Ingredients

Ingredient	Formula	Proportion	CAS Number
Sand	Not given	>99%	14808-60-7
Crystalline silica (Quartz)	SiO ₂	<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 or a doctor.

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 Information

Aggravated Medical Conditions

Inhalation

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.

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.

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.

Section 5:

Fire Fighting

Flammability:

Not flammable. Does not support combustion of other materials.

Fire and Explosion:

No fire or explosion hazard exists.

Extinguishing:

Non-flammable; Silica sand is an extinguishing medium and fire retardant

Hazchem Code:

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

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

Procedures

Section 7:

Handling and Storage

Handling:

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:

Store off the floor in the original bags in a cool, dry, well ventilated area, removed from excessive moisture and heat.

Property/Environmental

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/m³ (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

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

Section 10: Stability and Reactivity

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



Section 11: Toxicological Information

Acute Toxicity	No known toxicity data for this product.
Eyes	Contact may result in mechanical irritation, redness, rash and dermatitis.
Skin	Contact may result in mechanical irritation, redness, rash and dermatitis.
Sensitization	This product is not known to be a skin or respiratory sensitiser
Mutagenicity	Insufficient data available for this product to classify as a mutagen.
Carcinogenicity	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.
Reproductive	Insufficient data available to classify as reproductive toxin
STOT-single exposure	Not classified as causing organ effect from single exposure
STOT-repeated exposure	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
Aspiration	This product is not expected to present an aspiration hazard

Section 12: Ecological Information

Toxicity	The main component/s of this product are not anticipated to cause any adverse effects to the environment.
Persistence and Degradability	Product is persistent and non-degradable.
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

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.



Shipping Name	None Allocated				
UN No	None Allocated	Hazchem Code	None Allocated	Pkg Group	None Allocated
DG Class	None Allocated	Subsidiary Risk(s)	None Allocated	EPG	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/m³ – 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

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



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.

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