



# Safety Data Sheet

according to WHS Regulations

Printing date 21.08.2019

Revision: 21.08.2019

## 1 Identification

**Product Name:** BRICKIES SAND

**Other Means of Identification:** Mixture  
**Other Name:** Brickies loam, Colonial brickies

**Recommended Use of the Chemical and Restriction on Use:**  
Fine aggregate in bricklayers mortar for block work also building and construction.

**Details of Manufacturer or Importer:**  
Coastal Sands  
150 Mill Road,  
Steiglitz, QLD, 4207  
ABN 79116372868

www.coastalsands.com.au

**Phone Number:** +61 55462051

**Emergency telephone number:** 0488771766

## 2 Hazard(s) Identification

**Hazardous Nature:**  
Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.  
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)  
The product is not classified, according to the Globally Harmonised System (GHS).

**Signal Word** None  
**Hazard Statements** None  
**Precautionary Statements** None

## 3 Composition and Information on Ingredients

**Chemical Characterization: Mixtures**  
**Description:**  
Mixture of substances listed below with nonhazardous additions.  
This product contains quartz sand and fine loam.

Hazardous Components:		
CAS: 14808-60-7	Quartz (SiO2)	☠ Carcinogenicity 1A, H350; STOT RE 1, H372
		84%

**Additional information:**  
The value given for silica represents the total amount, not the respirable fraction. Exposure to respirable silica is not expected under normal conditions.

## 4 First Aid Measures

**Inhalation:** If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.  
**Skin Contact:**  
In case of skin irritation remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

(Contd. on page 2)

# Safety Data Sheet

## according to WHS Regulations

Printing date 21.08.2019

Revision: 21.08.2019

**Product Name: BRICKIES SAND**

(Contd. of page 1)

**Eye Contact:**

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

**Ingestion:**

If swallowed, do not induce vomiting. Rinse mouth with water. Give a glass of water. Seek medical attention if symptoms occur.

**Symptoms Caused by Exposure:**

Inhalation: Dusts may cause respiratory irritation.

Skin Contact: May cause mechanical skin irritation.

Eye Contact: May cause mechanical eye irritation.

Ingestion: May cause gastrointestinal irritation.

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Use fire extinguishing methods suitable to surrounding conditions.

**Specific Hazards Arising from the Chemical:**

No hazardous decomposition products known.

This product is not flammable and will not burn or decompose in a fire.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

### 6 Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved dust/particulate filter respirator and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so and sweep into a pile and shovel into drums for subsequent re-use or disposal.

Avoid generating dust. Provide adequate ventilation.

### 7 Handling and Storage

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust.

Food, beverages and tobacco products should not be stored or consumed where this material is in use.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

**Conditions for Safe Storage:** No special storage precautions are necessary.

### 8 Exposure Controls and Personal Protection

**Exposure Standards:**

**CAS: 14808-60-7 Quartz (SiO<sub>2</sub>)**

WES	TWA: 0.1 mg/m <sup>3</sup> respirable dust
-----	---

**Engineering Controls:**

Maintain air concentration below occupational exposure standards, providing adequate ventilation.

(Contd. on page 3)

# Safety Data Sheet

## according to WHS Regulations

Printing date 21.08.2019

Revision: 21.08.2019

**Product Name: BRICKIES SAND**

(Contd. of page 2)

**Respiratory Protection:**

Where an inhalation risk exists, wear a Class P1 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Protective gloves are recommended for people with sensitive skin. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting hand protection, the product should comply with relevant performance criteria. For example, gloves should meet a suitable level of abrasion resistance to provide protection against hazards of a workplace.

**Eye and Face Protection:**

Eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

### 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Granular.
<b>Colour:</b>	Grey, yellow
<b>Odour:</b>	No information available
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	~ 5 - 7
<b>Melting point/freezing point:</b>	Not applicable
<b>Initial Boiling Point/Boiling Range:</b>	Not applicable
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Product is not flammable.
<b>Auto-ignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable
<b>Vapour Pressure:</b>	Not applicable.
<b>Relative Density:</b>	2 - 3
<b>Vapour Density:</b>	Not applicable
<b>Evaporation Rate:</b>	Not applicable
<b>Solubility in Water:</b>	Insoluble
<b>Partition Coefficient (n-octanol/water):</b>	Not applicable

### 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:** No further relevant information available.

**Incompatible Materials:** No further relevant information available.

**Hazardous Decomposition Products:** No hazardous decomposition products known.

### 11 Toxicological Information

**Toxicity:****Acute Health Effects**

**Inhalation:** Dusts may cause respiratory irritation.

**Skin:** May cause mechanical skin irritation.

**Eye:** May cause mechanical eye irritation.

(Contd. on page 4)

# Safety Data Sheet

## according to WHS Regulations

Printing date 21.08.2019

Revision: 21.08.2019

**Product Name: BRICKIES SAND**

(Contd. of page 3)

**Ingestion:** May cause gastrointestinal irritation.**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:**

Silica dust, crystalline, in the form of quartz or cristobalite is classified by IARC as Group 1 - Carcinogenic to humans.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** No information available**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available

### 12 Ecological Information

**Ecotoxicity:** No adverse ecological effects are expected.**Aquatic toxicity:** No further relevant information available.**Persistence and Degradability:** This product does not biodegrade.**Bioaccumulative Potential:** Bioaccumulation is not expected to occur.**Mobility in Soil:** This product is insoluble and is expected to be immobile in soil.**Other adverse effects:** No further relevant information available.

### 13 Disposal Considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

### 14 Transport Information

**UN Number** Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

### 15 Regulatory Information

**Australian Inventory of Chemical Substances:**CAS: 14808-60-7 | Quartz (SiO<sub>2</sub>)

(Contd. on page 5)

# Safety Data Sheet

## according to WHS Regulations

Printing date 21.08.2019

Revision: 21.08.2019

**Product Name: BRICKIES SAND**

(Contd. of page 4)

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**  
Not Scheduled.

### 16 Other Information

**Date of Preparation or Last Revision:** 21.08.2019**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Carcinogenicity 1A: Carcinogenicity – Category 1A

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Coastal Sands makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.