

# TERRAÇADE SAFETY DATA SHEET

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## **1 Identification of the material and supplier**

### **1.1 Product identifier**

Product name **TERRAÇADE**  
Other Names: Terracotta facade and Terracotta tile

### **1.2 Uses and uses advised against**

Use/s Building products used in residential, civil and commercial building construction.

### **1.3 Details of the supplier of the product**

Supplier name **BRICKWORKS BUILDING PRODUCTS PTY LTD**  
Address 738 - 780 Wallgrove Road, Horsley Park NSW 2175 AUSTRALIA  
Telephone +61 (2) 9830 7700  
Fax +61 (2) 9830 7770  
Email [infoNSW@australbricks.com.au](mailto:infoNSW@australbricks.com.au)  
Website [brickworksbuildingproducts.com.au](http://brickworksbuildingproducts.com.au)

### **1.4 Emergency telephone number/s**

Emergency (02) 9830 7700

## **2 Hazard identification**

### **CLASSIFIED NOT DANGEROUS GOODS AUSTRALIAN WHS REGULATIONS**

The physical form in which panel products are supplied, pose little or no risk to human health. However, risks to human health may arise when the products are reworked liberating dust (which includes a hazardous substance, crystalline silica) in a form which is respirable.

## 2.1 Label elements

**Signal word** WARNING

**Pictogram/s**



**Hazard category** 4

**Hazard statement/s**

H332 Harmful if inhaled

**Prevention statement/s**

P261 Avoid breathing dust

P271 Cut or grind outdoors or in a well ventilated area.

**Response statement/s**

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTRE or doctor

**Disposal statement/s**

P501 Dispose of Terraçade in accordance with relevant regulations.

## 2.2 Other hazards

No information provided.

## 3 Composition / information on ingredients

### 3.1 Substances / Mixtures

Ingredient	CAS Number	EC Number	Content
Crystalline Silica ( $\alpha$ Quartz)	14808-60-7	238-878-4	0.1%-10%
Non-Hazardous Ingredients	Not Available	Not Available	10%-100%

## **4** *First aid measures*

### **4.1** Description of first aid measures

<b>Eyes</b>	(Dust exposure) Flush gently with running water, irrigating under eyelids. Seek medical attention if irritation develops.
<b>Inhalation</b>	(Dust exposure) If inhaled remove from contaminated area. Apply artificial respiration if not breathing.
<b>Skin</b>	(Dust exposure) Gently flush affected areas with water. Seek medical attention if irritation develops
<b>Ingestion</b>	Due to product form and application, ingestion is considered unlikely.
<b>First aid facilities</b>	No information provided.

### **4.2** Most important symptoms and effects, both acute and delayed

See Section 11 for more detailed information on health effects and symptoms.

### **4.3** Immediate medical attention and special treatment needed

Treat symptomatically.

## **5** *Fire fighting measures*

### **5.1** Extinguishing media

Use an extinguishing agent suitable for the surrounding fire.

### **5.2** Special hazards arising from substance or mixture

Non flammable. May evolve toxic gases if strongly heated.

### **5.3** Advice for firefighters

No fire or explosion hazard exists.

### **5.4** Hazchem code

None allocated.

## **6** *Accidental release measures*

### **6.1** Personal precautions, protective equipment and emergency procedures

Wear Personal Protective Equipment (PPE) as detailed in Section 8 of the SDS.

### **6.2** Environmental precautions

Prevent product from entering drains and waterways.

### 6.3 Methods of cleaning up

If spilt, collect and reuse where possible.

### 6.4 Reference to other sections

See Sections 8 to 13 for exposure controls and disposal.

## 7 Handling and storage

### 7.1 Precautions for safe handling

Wear gloves when handling tile to reduce the risk of abrasion.

### 7.2 Conditions for safe storage, including any incompatibilities.

Ensure material is adequately labelled and protected from physical damage. Compatible with all chemicals and environments.

### 7.3 Specific end use(s)

No information provided.

## 8 Exposure controls / personal protection

### 8.1 Control parameters

#### Exposure Standards

Ingredient	Reference	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	Mg/m <sup>3</sup>
Quartz (respirable dust) 14808-60-7	SWA (AUS)	-	0.1	-	-

#### Biological limits

No biological limit values have been entered for this product

### 8.2 Exposure controls

**Engineering Control** 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.

#### PPE

Eye / Face If cutting or sanding with potential for dust generation, wear dust-proof goggles.  
Hands Wear leather or cotton gloves.  
Body Not required under normal conditions of use.

Respiratory If cutting or sanding with potential for dust generation, wear a Class P1 (Particulate) respirator.

## **9 Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Coloured tiles
<b>Odour</b>	Odourless
<b>Flammability</b>	Non flammable
<b>Flash Point</b>	Not relevant
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>pH</b>	Not available
<b>Vapour Density</b>	Not available
<b>Specific Gravity</b>	Not available
<b>Solubility (water)</b>	Insoluble
<b>Vapour Presence</b>	Not available
<b>Upper Explosion Limit</b>	Not available
<b>Lower Explosion Limit</b>	Not available
<b>Partition Coefficient</b>	Not available
<b>Autoignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available
<b>Explosive Properties</b>	Not available
<b>Oxidising Properties</b>	Not available
<b>Odour Threshold</b>	Not available

### **9.2 Other information**

**Density** 1600kg/m<sup>3</sup> to 2300kg/m<sup>3</sup>

## **10 Stability and reactivity**

### **10.1 Reactivity**

Carefully review all information provided in Section 10.

### **10.2 Chemical stability**

Stable under recommended conditions of storage.

### **10.3 Possibility of hazardous reactions**

Polymerisation is not expected to occur.

### **10.4 Conditions to avoid**

Avoid heat, sparks, open flames and other ignition sources.

### **10.5 Incompatible materials**

No information provided.

### **10.6 Hazardous decomposition products**

May evolve toxic gases if heated to decomposition.

## ***11 Toxicological information***

### **11.1 Information on toxicological effects**

#### **HEALTH HAZARD**

Low toxicity. Adverse health effects, usually associated with long term exposure to high crystalline silica dust levels, are not anticipated due to product form. This material may only present a hazard if cut, sanded or drilled with dust generation. Use safe work practices to avoid dust generation – inhalation. Chronic exposure to dust may result in lung fibrosis (silicosis). Crystalline silica is classified as carcinogenic to humans (IARC Group 1).

#### **ACUTE EFFECTS**

##### **Eye**

Due to product form and nature of use, the potential for exposure is reduced. Product may only present a hazard if material is cut, drilled or sanded with dust generation, which may result in mechanical irritation.

##### **Skin**

Unlikely to cause significant effects

##### **Inhalation**

Exposure considered unlikely. An inhalation hazard is not anticipated unless cut, drilled or sanded with dust generation, which may result in irritation of the nose and throat.

##### **Toxicity data**

No LD<sub>50</sub> data available for this product.

## 12 Ecological information

### 12.1 Ecotoxicity

No information provided

### 12.2 Persistence and degradability

No information provided

### 12.3 Bioaccumulative potential

No information provided

### 12.4 Mobility in soil

No information provided

### 12.5 Other adverse effects

The main component/s of this product are not anticipated to cause any adverse effects to plants or animals.

## 13 Disposal considerations

	<b>Land Transport (ADG)</b>	<b>Sea Transport (IMDG / IMO)</b>	<b>Air Transport (IATA / ICAO)</b>
<b>14.1 UN Number</b>	None Allocated	None Allocated	None Allocated
<b>14.2 Proper shipping name</b>	None Allocated	None Allocated	None Allocated
<b>14.3 Transport hazard code</b>	None Allocated	None Allocated	None Allocated
<b>14.4 Packing group</b>	None Allocated	None Allocated	None Allocated

### 13.1 Waste treatment methods

**Waste disposal** Reuse where possible. Dispose of in accordance with local regulations.

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

## 14 Transportation information

**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA**

## 14.5 Environment hazards

No information provided

## 14.6 Special precautions for user

Hazchem code – None allocated.

# 15 Regulatory information

## 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

<b>Poison Schedule</b>	A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
<b>Classifications</b>	Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals. The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(2004)].
<b>Hazard codes</b>	
Xi	Irritant
Xn	Harmful
<b>Risk phrases</b>	
R36/37/38	Irritating to eyes, respiratory system and skin
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
<b>Safety phrases</b>	
S22	Do not breathe dust
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
<b>Inventory listing/s</b>	<b>AUSTRALIA: AICS (Australian Inventory of Chemical Substances)</b> All components are listed on AICS, or are exempt.

## 15.2 This product is not subject to:

<b>Poison schedule</b>	Montreal Protocol Stockholm Convention Rotterdam Convention Basle Convention International Convention for the Prevention of Pollution from Ships
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### 15.3 This product is not subject to:

## 16 Other information

### Additional information

#### PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

#### HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effect from exposure to this product will depend of several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

### Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
CAS #	Chemical Abstract Service number - used to uniquely identify chemical compounds
CNS	Central Nervous System
EC No.	European Community Number
EMS	Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)
GHS	Globally Harmonized System
GTEPG	Group Text Emergency Procedure Guide
IARC	International Agency for Research on Cancer
LC <sub>50</sub>	Lethal Concentration, 50% / Median Lethal Concentration
LD <sub>50</sub>	Lethal Dose, 50% / Median Lethal Dose
mg/m <sup>3</sup>	Milligrams per Cubic Metre
OEL	Occupational Exposure Limit
pH	Relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline)

ppm	Parts Per Million
STEL	Short-Term Exposure Limit
STOT-RE	Specific target organ toxicity (repeated exposure)
STOT-SE	Specific target organ toxicity (single exposure)
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
SWA	Safe Work Australia TLV Threshold Limit Value
TWA	Time Weighted
Average	

## **Terraçade**

62 Belmore Road  
NSW 2196  
Telephone: 1800 001 013  
Email: sales@terraçade.com.au

**[ End of SDS ]**