

**1. IDENTIFICATION OF PRODUCT AND COMPANY INFORMATION**

**1.1. Product Identifier**

Name: Clay Bricks and Clay Pavers

**1.2. Uses advised against**

Construction material for the execution of Masonry.

**1.3. Identification of the company**

**Name:** La Paloma Cerámica y Gres S.L.

**Address:** Calle Arrabal s/n

**Location:** Pantoja (Toledo)

**Telephone:** 925 55 46 00

**Fax:** 925 55 42 60

**e-mail:** [lapaloma@ceramica-lapaloma.es](mailto:lapaloma@ceramica-lapaloma.es)

**1.4. Emergency Telephone number:**

+34 925 55 46 00 (From 9:00 to 19:00).

**2. HAZARDS IDENTIFICATION**

The solid product as supplied is classified as non-hazardous under normal conditions and does not present an inhalation, ingestion, skin, or eye hazard

**2.1. Classification of the substance or mixture**

**Classification (67/548/CEE o 1999/45/CE):** Not Classified

**Classification (Reglament (CE) 1272/2008):** Not Classified

**2.2. Label Elements**

**Label (Reglament (CE) 1272/2008):** Not Applicable

**Other Hazards:**

Dust created when the product is cut, grinded and machined dry may contain crystalline silica some of which may be respirable (particles small enough to go into deep parts of the lung when breathed in).

Only in these tasks:

**Pictograms:**



**Signal Word:**

Danger

**Hazard Phrases:**

H372 It damages the lungs by prolonged or repeated exposure by inhalation.

**Caution Phrases:**

P260 Do not breathe dust / smoke / gas / mist / vapors / spray.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke during use.

P284 Wear respiratory protection equipment.

P314 Consult a doctor in case of discomfort.

P501 Remove the content / container.

### 3. COMPOSITION / INFORMATION OF INGREDIENTS

nº CAS	nº CE	INGREDIENT	% WEIGHT
-	-	Aluminio Silicate	>10%
14808-06-7		Silica crystalline (Quartz SiO <sub>2</sub> )	<65%
-	-	Metal Oxide(S)	0 - 10%

None of the components is radioactive according to the terms of the European Euratom Directive 96/29.

### 4. FRIST AID MEASURES.

The solid product as supplied does not present adverse reactions, only when modifying (cut, grinded and machined dry) the pieces, they can generate reactions such as:

#### Inhalation and/or Ingestion.

If discomfort or irritation occurs, remove to fresh air and blow nose to expel dust. If irritation persists, seek medical advice. If breathing is laboured, seek medical attention immediately.

#### Eye Contact.

Bathe the eye with clean, cool, running water for 15 minutes, lifting eyelid often to flush trapped particles. If irritation persists seek medical advice.

#### Skin Contact.

Handling this material can cause mild mechanical irritation of the skin and / or abrasions on the skin. If this occurs, rinse affected areas with soap and water. If the allergic reaction causes a rash that does not heal within a few days, consult a doctor. Treat abrasions as any other scrape or cut with disinfectants and bandages.

### 5. FIRE FIGHTING MEASURES

#### 5.1. Extinguishing Media.

Product is not combustible or flammable. Fire Reaction Class: A1  
Use an extinguishing agent suitable for the surrounding fire

#### 5.2. Special Hazards.

Not Applicable

#### 5.3. Other recomendations.

Prevent products used in fire fighting to enter drains, sewers or waterways.

### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal Precautions and Protective Equipment.

Use personal protection recommended in section 8.

#### 6.2. Emergency Procedures.

Not Applicable

#### 6.3. Methods and Materials for Containment and Cleaning Up.

Not Applicable

### 7. HANDLING AND STORAGE

#### 7.1. Handling

No special handling requirements. Carry out risk assessment s suitable and sufficient risk assessment to ascertain the best method for handling the products. Minimize dust generation and accumulation. Avoid breathing dust.

#### 7.2. Storage

Always stack and store bricks in a stable manner to avoid falling hazards.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **8.1. Workplace Exposure Limits**

Only applicable to the dust generated by the dry manipulation (cutting, polishing, etc ...) of the clay bricks and pavers elements. The exposure limits may vary in the different countries in which it is used.

	VLA-ED	OSHA [10/(%SiO <sub>2</sub> +2)]	ACGIH TLV	SWA(AUS) TWA
Quartz (Dust)	0.1mg/m <sup>3</sup>	0.1mg/m <sup>3</sup>	0.025mg/m <sup>3</sup>	0.1mg/m <sup>3</sup>

### **8.2. Exposure Controls.**

**Engineering Controls:** (Dust) Where production of significant dust is likely, use a wet cut method or local exhaust ventilation is recommended.

**Respiratory Protection:** (Dust) If engineering controls are insufficient, a suitable approved particulate respirator must be worn at all times

**Hand Protection:** Abrasion and cut resistant gloves.

**Eyes and Face Protection:** Face shields should be used when sawing bricks.

**Other Protection:** Use of steel toe shoes is recommended when handling bricks

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1. General Information**

Physical State: Solid

Color: Various.

Odour: None.

### **9.2. Important information regarding health, safety and the environment.**

pH: No data Available.

Boiling Point/Interval: No data Available.

Flash Point: No data Available.

Flammability: No data Available.

Explosive Properties: No data Available.

Oxidising Properties: No data Available.

Density: >1800Kg/m<sup>3</sup>

Solubility in Water: Insoluble

## **10. STABILITY AND REACTIVITY**

Reactivity: Stable and Non-Reactive

Chemical Stability: Stable under normal conditions of use.

Possibility of Hazardous Reactions: Stable under normal conditions of use.

Conditions to Avoid: Section 8.

Incompatible Materials: No data Available.

Hazardous Decomposition Products: No data Available.

## **11. TOXICOLOGICAL INFORMATION**

### **11.1. Effects of Short Exposure.**

Bricks as shipped do not present an inhalation, ingestion or contact hazard. However operations such as cutting, grinding and machining dry may result in the following effects.

Eyes:	May cause irritation by abrasion with dust chips.
Skin:	Brick dust or chips may cause allergic reactions in hypersensitive individuals; may cause cuts and skin abrasions.
Inhalation:	Brick dust or chips may cause congestion and irritation in nasal and respiratory passages
Ingestion:	No known acute effects.

### **11.2. Effects of Long Exposure.**

Excessive exposures to respirable particulates (dust) over an extended period of time may result in the development of pulmonary diseases such as silicosis.

### **11.3. Toxicological Effects**

General Information: Toxicological properties of the formulation have not been investigated. The information in this section describes the potential hazards of crystalline silica. Brick dust may contain crystalline silica, a chemical that has been determined by certain agencies to cause cancer and other chemicals known to cause cancer, birth defects and other reproductive harm. Inhalation of brick dust above established or recommended exposure levels should be avoided by use of wet sawing or shaping and/or use of an approved respirator.

Crystalline silica is classified as carcinogenic to humans (IARC Group 1)

## **12. ECOLOGICAL INFORMATION**

There are no known environmental impacts.

## **13. DISPOSAL CONSIDERATIONS**

Dispose of waste in accordance with all applicable laws and regulations. State specific and community specific provisions must be considered. It is recommended that waste minimization be practiced.

## **14. TRANSPORT INFORMATION**

This material is not regulated for transportation as a hazardous/dangerous material/good.

ADR/RID: Non assigned  
IMDG/IMO: Non Assigned  
IATA/ICAO: Non Assigned

## **15. REGULATORY INFORMATION**

Labelling Information: Non required  
R Phrases: Non required  
S Phrases: Non required

**16. OTHER INFORMATION**

The information provided here is based on data considered accurate on the date of preparation of this Safety Data Sheet. However, despite complying with the legal requirements of security, no guarantee or representation, express or implied, is offered as to the accuracy or exhaustive nature of the preceding security information and data. In addition, the seller can't assume any responsibility for any damage or injury resulting from abnormal uses, for non-compliance with the recommended techniques, or for any danger inherent in the nature of the product.