

MATERIAL SAFETY DATA SHEET CLAY BRICKS

1. IDENTIFICATION OF PRODUCT AND COMPANY INFORMATION

Product name: Clay Bricks, Porotherm and Pavers

Other names: Fired clay products

Product code: Various

Company Name: Wienerberger Limited
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Wienerberger Ltd fired clay products present little or no inherent human health hazard. Risks to human health may arise when products are reworked, liberating dust (which contains a proportion of free crystalline silica) in a form which is respirable.

3. HAZARD IDENTIFICATION

Hazardous ingredients: Crystalline Silica (Quartz SiO₂)

CAS: 14808-60-7

EINECS: 238-878-4

Content: 30-35%

4. FIRST AID MEASURES

Skin contact: Wash hands with soap and water to remove dust and particles. Use of a hand cream may help if skin is dry or abraded.

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

Ingestion: Wash out mouth and throat with water and expel liquid. If irritation persists seek medical advice.

Inhalation: 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.

5. FIRE FIGHTING MEASURES

Product is not combustible.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of MSDS for personal protection details.

Clean-up procedures: Clean up dust by vacuum fitted with a high efficiency filter or use wet clean up method to avoid the circulation of airborne dust.

7. HANDLING AND STORAGE

Handling requirements: No special handling requirements. Carry out risk assessment a suitable and sufficient risk assessment to ascertain the best method for handling the products.

Storage conditions: An assessment of the ground and yard conditions along with the pallet integrity must be carried out prior to stacking this product

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Limits: Crystalline Silica (Quartz SiO₂) Long-term WEL (8-Hour TWA reference period): **0.1 mg/m³** (Figures from EH40 2006).

Engineering measures: Where production of significant dust is likely, use a wet cut method or local exhaust ventilation is recommended.

Respiratory protection: If engineering controls are deemed as insufficient, then an approved FFP3 approved particulate respirator must be worn at all times.

Hand protection: Abrasion and cut resistant gloves.

Eye protection: Suitable safety goggles.

Skin protection: Suitable overalls as necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid

Colour: Various

Odour: None

Solubility in water: Insoluble

Flash point: Non flammable

Melting Point: >1000°C

10. STABILITY AND REACTIVITY

Wienerberger Ltd fired clay products are stable and non-reactive

11. TOXICOLOGICAL INFORMATION

Skin contact: Unlikely to cause significant effects. After repeated handling, the abrasive texture and sharp edges of products may cause some irritation.

Eye contact: Unlikely to cause significant effects. Nuisance dust may cause some mild irritation to the eyes.

Ingestion: Unlikely to cause significant effects. Nuisance dust may cause some mild irritation of the throat.

Inhalation: If product is in an inhalable or respirable form, exposure may result in irritation to the respiratory tract.

The U.K. Health and Safety Executive indicate "there is sufficient evidence to indicate that RCS (Respirable Crystalline Silica) may cause long term health issues". ACTS/35/2004

12. ECOLOGICAL INFORMATION

No ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Dispose of solid waste in accordance with local and national regulations.

14. TRANSPORT INFORMATION

UN Number: Non assigned
ADR /RID: Not classified
IMDG / IMO: Not classified
IATE / ICAO: Not classified

15. REGULATORY INFORMATION

Labelling information: Non required

16. OTHER INFORMATION

MSDS Data revised 20th February 2017

Prepared by Wienerberger Ltd – Health, Safety & Environment Department.

The information in this safety data sheet was obtained from reputable sources and to the best of our knowledge is accurate and current at the aforementioned date.

Wienerberger Ltd accepts no liability arising out of the use of the information provided or the use, application or processing of the product(s) described herein.