

**SAFETY DATA SHEET
KING KLINKER S.A. (KING KLINKER BRAND) – THIN BRICKS****SECTION 1: IDENTIFICATION****Product identifier****Product name:** Thin brick (various colors)**Chemical family / Name:** Predominately Aluminum Silicates**Intended use of the product:** For covering walls (as finishes) inside and outside building structures**Name, address, telephone number of the responsible party:**

KING KLINKER S.A.

Skrzyńsko, Przemysłowa 56

26-400 Przysucha, Poland

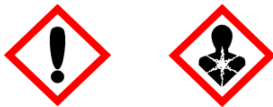
tel. 0048 48 675 20 31

www.kingklinker.com

www.kingklinker-america.com

Emergency telephone number:

0048 668137463, 0048 48 675 20 31

SECTION 2: HAZARD IDENTIFICATION**PICTOGRAMS:****SIGNAL WORD: WARNING!****This SDS contains health hazard information related to the dust generation during construction.****Thin bricks as shipped do not present an inhalation, ingestion or contact hazard.****However, operations such as cutting, sewing, crushing and grinding may result in the following effects:****HAZARD STATEMENT(S):****EYE:** May cause eye irritation by abrasion with dust or chips.**SKIN:** May cause skin irritation. Thin brick dust may cause allergic reactions in hypersensitive individuals. May cause cuts or skin abrasion.**INHALATION:** May cause respiratory irritation. May cause cancer. May cause damage to the respiratory system through prolonged or repeated exposure.**INGESTION:** Not known acute effects. The product is not inedible.**PRECAUTIONARY STATEMENT(S):**

Cutting, sewing, crushing or grinding crystalline silica materials will release respirable crystalline silica. Use all appropriate measures of dust control and suppression and Personal Protective Equipment.

Do not handle until all safety precautions have been read and understood. Do not breathe dust, in case of inadequate ventilation, wear respiratory protection. Wash hands and exposed skin thoroughly after handling. Cut/grind/crush outdoors or in well ventilated areas. We recommend using a wet saw.

Wear protective gloves, protecting clothing and eye protection.

Solid material is non-hazardous solid. Dust should be cleaned up by vacuuming while minimizing airborne emissions. Waste material is non-hazardous solid refuse like other construction debris.

Other hazards: Excessive dust exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS Number	% Weight
Aluminum Silicates	Various	30 - 50
Quartz	14808-60-7	20 - 30
Iron Compounds	Various	0 - 7
Manganese Compounds	Various	0 - 2
Magnesium Compounds	Various	0 - 3
Chromium Compounds	Various	0 - 2
Calcium Compounds	Various	0 - 1

These products contain additional not classified substances at low concentrations that do not contribute to the hazards of these products.

SECTION 4: FIRST AID MEASURES

EYE CONTACT: If injury is due to projectile, seek immediate medical attention. For eye irritation due to dust exposure, rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, obtain medical attention.

INHALATION: If dust inhaled, remove the person to fresh air and keep comfortable for breathing.

If difficulty breathing or irritation persists, obtain medical attention.

SKIN CONTACT: Injuries to skin due to abrasion, laceration, or crushing should be treated by flushing with clean water, followed by first aid (application of disinfectant and bandage). If the injury is more extensive or irritation and pain persist, obtain medical attention.

INGESTION: Rinse mouth. Do not induce vomiting. If you feel unwell, obtain medical advice and attention.

Most important symptoms /effects, acute and delayed - indicated in section 2 and 11.

SECTION 5: FIRE FIGHTING MEASURES

Thin bricks as shipped do not pose a fire or explosion hazard.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Thin bricks as shipped do not present a human or environmental hazard that requires special clean-up measures.

SECTION 7: HANDLING AND STORAGE

Provide adequate ventilation to maintain exposures below the OSHA PEL and ACGIH TLV for quartz and other substances.

Material should be stored as ordinary construction material.

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

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE CONTROL:**

Engineering controls: provide adequate ventilation to maintain exposures below the OSHA PEL and ACGIH TLV for quartz and other substances.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

Eye and Face: Safety glasses with side shields or goggles should be used when sawing thin bricks.

Hand protection: Protective gloves as appropriate to prevent abrasion and hand injuries.

Skin and body protection: Appropriate work clothing and footwear should be worn. Wear suitable protective clothing.

Feet: Use of steel toe shoes is recommended when handling thin bricks.

Other controls: Use of wet sawing methods is recommended anytime that thin bricks must be cut.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: solid

Color: various

Odor: odorless

Melting point / freezing point: NA

Boiling points: NA

Flammability: NA

Vapor pressure: N

PH: NA

Flash point: NA

Vapor density: NA

Solubility: Negligible

Specific gravity: NA

Relative vapor density: NA

Auto ignition temperature: NA

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Hazardous reactions are not expected to occur under normal conditions

Chemical stability

Stable

Possibility of hazardous reactions

Not applicable

Conditions to avoid

Not applicable

Incompatible materials

Not applicable

Hazardous decomposition products

Not applicable

SECTION 11: TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE

Skin contact: Product is abrasive and may irritate unprotected skin.

Eye contact: When product is shaped or cut, chips or dust may enter unprotected eyes and cause injury or irritation.

Inhalation: When product is shaped or cut, respirable dust may be generated that, when inhaled, can cause respiratory system irritation. Prolonged or repeated inhalation exposures may cause chronic illness.

SYMPTOMS RELATED TO PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS

Immediate effects: Irritation of skin, eyes, and respiratory tract due to abrasion or dust inhalation will produce immediate discomfort.

Delayed and chronic effects: Inhalation of dust on a prolonged or repeated basis may result in chronic lung disease or silicosis and may also result in lung cancer.

NUMERICAL MEASURES OF TOXICITY

The acute and chronic effects of exposure to this product's dust have not been quantified.

CARCINOGENICITY:

The ingredient quartz, also known as a crystalline silica, has been determined to be carcinogenic by the International Agency for Research on Cancer (IARC) and the National Toxicology Program (NTP).

SECTION 12: ECOLOGICAL INFORMATION

No data currently available.

SECTION 13: DISPOSAL CONSIDERATIONS

Thin bricks in its solid form is typically considered a non-hazardous waste for disposal, but local regulation may vary, therefore all waste must be disposed/recycled/reclaimed in accordance with federal, state, and local environmental control regulations. Water containing thin brick solids, such as from wet sawing operations, should also be disposed of in accordance with federal, state and local environmental regulation.

SECTION 14: TRANSPORT INFORMATION**In accordance with DOT**

Not regulated for transport

In accordance with IMDG

Not regulated for transport

In accordance with IATA

Not regulated for transport

In accordance with TDG

Not regulated for transport

SECTION 15: REGULATORY INFORMATION**RCRA**

Brick in its solid form is typically considered a non-hazardous waste for disposal, but local regulation may vary, therefore all waste must be disposed/recycled/reclaimed in accordance with federal, state, and local environmental control regulations. Water containing brick solids, such as from wet sawing operations, should also be disposed of in accordance with federal, state and local environmental regulation. Brick waste should not be used as a blasting agent.

WARNING:

This product contains crystalline silica, a substance known to the State of California to cause cancer. This product may contain trace amounts of heavy metals known to the State of California to cause cancer, birth defects, or other reproductive harm.

For more information go to www.P65Warnings.ca.gov

SECTION 16: OTHER INFORMATION

King Klinker S.A. considers our product an "article" as defined in 30 CFR 1200(b)(g)(iv) and 40 CFR 372.38. As an article, an SDS is not required and the product is exempt from all other requirements of the hazard communication standard. OSHA requires an SDS for thin bricks because it is occasionally dry sawed. We recommend only wet sawing of brick.

This SDS was prepared with information believed accurate at the time of preparation and was prepared and provided in good faith. However, King Klinker S.A. assumes no responsibility as to the accuracy or suitability of such information and no warranty expressed or implied is made.

The information and recommendations set forth herein are based on data we have in our possession and we have reason to believe is accurate. It is, however, the user's responsibility to determine the safety, toxicity, or suitability for his/her own use of the herein described product. Because actions by others are beyond our control, King Klinker S.A. makes no warranty expressed or implied regarding accuracy of the data or the results to be obtained from the use thereof.

END OF SAFETY DATA SHEET