

MATERIAL SAFETY DATA SHEET



TEC Products
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GENERAL INFORMATION NUMBER: (920) 369-6279

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I - Product Identification

CONCRETE THIN BRICK

PRODUCT CODE: 1000

CHEMICAL FORMULATION: Tinted cement products.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0
HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - Hazardous Ingredients

<u>SUBSTANCE</u>	<u>APPROX %</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CAS #</u>
Silica sand, crystalline	55-60%	10 mg/m3 ÷%SiO2+2 (R)	0.025 mg/m3 (R)	14808-60-7
Portland cement	35-40%	15 mg/m3 (T); 5 mg/m3 (R)	1 mg/m (R)	65997-15-1
Calcium Oxide	1-5%	5 mg/m3	2 mg/m3	1305-78-8
Iron oxide, black	0-3%	15 mg/m3	10 mg/m3	1317-61-9
Iron oxide, yellow	0-3%	15 mg/m3	10 mg/m3	1310-14-1
Iron oxide, red	0-3%	15 mg/m3	10 mg/m3	1309-37-1

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value N/A: Not Applicable N/D: Not Determined
N/E: Not Established

(T) = Total Dust; (R) = Respirable Fraction

III - Physical Data

BOILING POINT (BP): N/A SPECIFIC GRAVITY (WATER = 1): 2.5-3.0
VAPOR PRESSURE (mm Hg): N/A VOC CONTENT (% by weight): N/A
VAPOR DENSITY (AIR = 1): N/A EVAPORATION RATE (WATER = 1): N/A
SOLUBILITY IN WATER: Insoluble pH: N/A
APPEARANCE AND ODOR: Solid, stone-like material in various colors. Normally odorless.

IV - Fire and Explosion Hazard Data

FLASH POINT (FP): N/A (TEST METHOD): N/A
FLAMMABLE LIMITS IN AIR (VOLUME %): UPPER: N/A LOWER: N/A
EXTINGUISHING MEDIA: Does not apply.
SPECIAL FIRE FIGHTING PROCEDURES: None
UNUSUAL FIRE AND EXPLOSION HAZARD: None

V - Reactivity Data

STABILITY: Stable under normal conditions.

INCOMPATIBILITY: None.

CONDITIONS TO AVOID: None.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

HAZARDOUS POLYMERIZATION: Will not occur.

VI - Health Hazard Data

PRIMARY ROUTES OF ENTRY: INHALATION: X SKIN CONTACT: X EYE CONTACT: X

These articles offer no hazard as made and shipped. Hazards described generally refer to dust produced during subsequent cutting or grinding, and are offered to users in the interest of their health and safety.

INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS:

For respirable crystalline silica: NTP: Known carcinogen, OSHA: Not listed as a carcinogen, IARC Monographs: Group 1 Carcinogen
California Proposition 65: Known carcinogen

EFFECTS OF OVEREXPOSURE

IF IN EYES: Dusts from this product may cause irritation. Wet dusts may cause irritation and/or alkali burns.

IF ON SKIN: Dusts from this product may cause irritation. Wet dusts may cause irritation and/or alkali burns.

IF INHALED: Dusts from this product may cause irritation. Wet dusts may cause irritation and/or alkali burns. Excessive exposure to dusts over an extended period of time may result in pulmonary diseases including pneumoconosis and silicosis.

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.

IF ON SKIN: Wash with soap and water. Remove contaminated clothing and launder separately before reuse. If irritation persists, obtain medical attention.

IF INHALED: Remove person to fresh air. If breathing problems persist, obtain medical attention.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Clean-up of dusts may require personal protective equipment in order to prevent dust exposure and irritation.

WASTE DISPOSAL METHOD: Consult local environmental authorities.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use a NIOSH approved dust respirator for conditions where dust levels exceed, or are likely to exceed, exposure limits.

VENTILATION: LOCAL: Recommended for environments in which dust is produced.

PROTECTIVE GLOVES: Rubber, PVC, Neoprene or other impervious material.

EYE PROTECTION: Safety glasses or goggles.

OTHER PROTECTIVE EQUIPMENT: Long sleeved shirts and long pants to avoid skin contact with dusts from this product.

OTHER PRECAUTIONS: Keep out of reach of children.

IX - Transportation Information (ground transportation only)

DOT PROPER SHIPPING NAME: None

DOT CLASS: None

DOT ID NUMBER: None

DOT PACKING GROUP: None

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