

MATERIAL SAFETY DATA SHEET

A. DISTRIBUTOR

COMPANY: Brick It, Inc
STREET: 17 Central Ave
Hauppauge, NY 11788
PHONE NUMBERS:
GENERAL INFO: (631) 244-3993

DATE Revised: February 2019

B. PRODUCT IDENTIFICATION

PRODUCT NAMES: Thin Brick Pavers – Bricktile, Bricktile Rustics, Bricktile Classics
Thin Veneering Brick – Vee Brick
Coping
Brick Pavers – Pee Dee Pavers
CHEMICAL NAME: Mixture
CHEMICAL FAMILY: Predominately Aluminum Silicates
FORMULA: Mixture

C. PRODUCT COMPONENT(S)

| COMPONENTS | <u>CAS NO.</u> | % BY WEIGHT | <u>ACQIH</u> <u>TLV</u> | <u>OSHA</u> <u>PEL</u> |
|---------------------|----------------|-------------|---------------------------------------|----------------------------------------------------------|
| Aluminum Silicates | Various | 75-85 | 10 MG/M ³ | 15 MG/M ³ |
| Iron Compounds | Various | 0-5 | 10 MG/M ³ | 10 MG/M ³ |
| Calcium Compounds | Various | 0-12 | 15 MG/M ³ | 15 MG/M ³ |
| Quartz | 14808-60-7 | Varies | 0.1 MG/M ³ (Respirable) | 10 MG/M ³ %SiO ₂ +2(Respirable) |
| Barium Compounds | Various | 0-3 | NE | NE |
| Iron Chromite | 1308-31-2 | 0-3 | 1 MG/M ³ | 1 MG/M ³ |
| Manganese Compounds | Various | 0-3 | NE | NE |
| Magnesium Compounds | Various | 0-3 | NE | NE |
| Spodumene Fines | Various | 0-10 | NE | NE |
| Feldspathic Sand | Various | 0-25 | NE | NE |
| Bottom Ash | Various | 0-16 | NE | NE |

D. PERSONAL PROTECTION INFORMATION

VENTILATION: When sawing brick, use adequate ventilation to maintain exposure below the OSHA PEL & ACQIH TLV.
RESPIRATORY PROTECTION: For concentrations exceeding the OSHA PEL or ACQIH TLV, use NIOSH/MSHA approved respirator.
EYE PROTECTION: Use safety glasses with side shields. Face shields should also be used where dry sawing of brick occurs.
SKIN PROTECTION: Use gloves and/or protective clothing if abrasion or allergic reactions are experienced.
OTHER: Wear steel-toed safety shoes. A wet saw is recommended for sawing brick.

NA – Not Applicable

NE – Not Established

E. HANDLING AND STORAGE PRECAUTIONS

Avoid dust inhalation, eye contact and excessive or prolonged skin contact. Wear protective equipment and/or garments described in Section D if exposure conditions warrant.

F. REACTIVITY DATA

STABILITY: STABLE X UNSTABLE _____
 Conditions to avoid: None known

INCOMPATIBILITY (Materials to avoid): None known

HAZARDOUS POLYMERIZATION: MAY OCCUR _____ WILL NOT OCCUR X
 Conditions to avoid: None known

HAZARDOUS DECOMPOSITION PRODUCTS: None Known

G. HEALTH HAZARD DATA *

RECOMMENDED EXPOSURE LIMITS: See Section C

ACUTE EFFECTS OF OVEREXPOSURE:

EYE: May cause mild to severe irritation by abrasion with dust or chips.

SKIN: Brick dust or chips may cause allergic reactions. Excessive exposure may result in abrasions.

INHALATION: Brick dust or chips may cause congestion and irritation in nasal and respiratory passages.

INGESTION: None known.

SUBCHRONIC AND CHRONIC EFFECTS OF OVEREXPOSURE:

Excessive exposure to particulate (dust) over an extended period of time may result in the development of pulmonary disease.

CARCINOGENICITY:

NTP and OSHA do not include this material, or its components, in their carcinogen listings. IARC has classed respiratory crystalline silica (quartz) as a class 2A carcinogen.

FIRST AID AND EMERGENCY PROCEDURES:

EYE: Flush eyes with running water. Obtain medical assistance if irritation continues.

INHALATION: Remove from exposure to airborne particulate. Consult a physician if breathing does not return to normal.

INGESTION: NA

SKIN: Wash with soap and water. If an allergic reaction causes a rash that does not heal in an appropriate time, consult a physician. Treat abrasions as any other scrape or cut, with disinfectants and bandages.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Excessive dust exposure may aggravate any existing respiratory disorders or diseases. Possible complications of allergies resulting in irritation to skin, eyes and respiratory passages may occur from excessive exposure to dusts.

* The dust generated from sawing brick may contain silica and may be a potential health problem for the lungs although we are aware of no scientific evidence of a health problem.

H. PHYSICAL DATA

| | |
|---------------------------------------|-------------------------------------------------------------|
| APPEARANCE AND ODOR: | Granular solid, essentially odorless, wide range of colors. |
| BOILING POINT: | NA |
| SPECIFIC GRAVITY (H ₂ O=1) | 2.6 (approximate) |
| VAPOR PRESSURE: | NA |
| PERCENT VOLATILE BY VOLUME: | NA |
| VAPOR DENSITY: | NA |
| SOLUBILITY IN WATER: | Negligible |
| EVAPORATION RATE (Ethyl Ether=1) | NA |
| PH: | NA |

I. FIRE AND EXPLOSION DATA

| | |
|------------------------------------------|-----------------------------|
| FLASH POINT: | NA |
| FLAMMABLE LIMITS (% by volume in air) | LEL <u>NA</u> VEL <u>NA</u> |
| FIRE EXTINGUISH MEDIA: | NA |
| SPECIAL FIRE FIGHTING PROCEDURES: | NA |
| FIRE AND EXPLOSION HAZARDS: | NA |

J. SPILL OR LEAK PROCEDURES

The only concern is to control dusts.

K. WASTE DISPOSAL

This material is classified as a non-hazardous solid waste for disposal.

L. RCRA CLASSIFICATION

NA

M. DOT SHIPPING DATA

NA

N. PROTECTION REQUIRED FOR WORK ON CONTAMINATED EQUIPMENT

NA

NA – Not Applicable

NE – Not Established

O. HAZARD CLASSIFICATION

 X This product meets the following hazard definition(s) as defined by the Occupational Safety and Health Hazard Communication Standard Section 1810.1200:

| | | | |
|---------------|--------------------|----------------|-------------------|
| <u> </u> | Combustible Liquid | <u> </u> | Flammable Aerosol |
| <u> </u> | Compressed Gas | <u> </u> | Explosive |
| <u> </u> | Flammable Gas | <u> X </u> * | Health Hazard |
| <u> </u> | Flammable Liquid | <u> </u> | Organic Peroxide |
| <u> </u> | Flammable Solid | <u> </u> | Oxidizer |
| <u> </u> | Pyrophoric | <u> </u> | Unstable |
| <u> </u> | Water Reactive | | |

 Based on information presently available, this product does not meet any of the hazard definitions of 29 CFR Section 10.1200

P. SARA (TITLE III) REPORTS

Components of this product that are subject to the reporting requirements of Section 313 of SARA and 40 CFR Part 372:
NA

Components of this product that are included in the SARA Extremely Hazardous Substance List (40 CFR Part 355):
NA

Q. OTHER INFORMATION

* BFRICK IT INC considers its products an "article" as defined in 29 CFR Part 1200 (b)(5)(iv) and 40 CFR Part 372.38. As an article, a MSDS is not required and the product is exempt from all other requirements of the hazardous communication standard. OSHA requires a MSDS for brick since it is occasionally dry sawed.

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NE – Not Established