

TECHNICAL DATA						
TYPE	SIZE	STANDARD	DURABILITY CLASS (GRADE)	DIMENSIONAL VARIATION (TYPE)		
Face Brick	King	ASTM C652	SW	HBS		
Face Brick	Queen	ASTM C652	SW	HBS		
Face Brick	Modular	ASTM C216	SW	FBS		
Face Brick	Utility	ASTM C216	SW	FBS		
Brick Veneer	Thin Brick	ASTM C1088	Interior or Exterior	TBS		

Modular and Architectural Sizes are manufactured to meet or exceed ASTM C216, Type FBS, Grade SW standards. Queen and King brick are manufactured to meet or exceed ASTM C652, Type HBS, Grade SW standards. All Thin Brick are manufactured to meet or exceed ASTM C1088, Grade Interior or Exterior, Type TBS.

Additional sizes and specifications are available upon request. Email: info@usbrick.com

WEIGHT & DIMENSIONS						
SIZE	WIDTH	HEIGHT	LENGTH	WEIGHT (VARIES BY LOCATION)		
King	2.75"	2.75"	9.625"	3.36-4.2 lbs		
Queen	2.75"	2.75"	7.625"	2.7-3.65 lbs		
Modular	3.625"	2.25"	7.625"	3.6 lbs		
Utility	3.625"	3.625"	11.625"	8.8 lbs		

THIN BRICK						
SIZE	WIDTH	HEIGHT	LENGTH	WEIGHT (VARIES BY LOCATION)		
King Thin Brick	0.625"	2.75"	9.625"	1.3-1.4 lbs		
Queen Thin Brick	0.625"	2.75"	7.625"	1.1-1.2 lbs		
Modular Thin Brick	0.625"	3.625"	7.625"	1.0-1.05 lbs		

Thin brick weight reflect flats. Thin brick produced in Bessemer have a thickness of .75" due to heavy texturing.

Additional sizes and specifications are available upon request. Email: info@usbrick.com

US Brick Holdings, LLC

Safety Data Sheet

Date: Aug 2024

SECTION 1 - IDENTIFICATION

Name of Product:

Brick

Recommended use: Wall Veneer

Manufacturer:

US Brick Holdings, LLC

Address:

701 East Bay Street, Suite 112, Charleston, SC 29403

Telephone:

855-473-2827

Emergency #:

911

SECTION 2 - HAZARD(S) IDENTIFICATION

Classification:

Skin irriation -2

GHS08

Eye Irritation - 2A

Carcinogenicity - 1A

GHS Label: Signal Word: GHS07

Danger

Hazard Statement:

Clay Brick as shipped do not present an exposure hazard.

Precautionary Statements:

Sawing or grinding may result in release of brick dust that may contain crystaline Silica.

Excessive exposure to respirable particulates (dust) over an extended period of time

may result in the development of pulmonary diseases such as Silicosis.

Wear protective gloves and eye protection.

Wet sawing is suggested

SECTION 3 - Composition / Information on Ingredients

Component:

Aluminum Silicates 50-85%

CAS#

Various

Component:

Quartz 30-75%

CAS#

14808-60-7

Component:

Manganese Dioxide <1%

CAS#

1313-13-9

Component:

Chromium Oxide <3%

CAS#

1308-38-9

SECTION 4 - First Aid Measures

Inhalation:

Remove person from exposure to airborne particulates. Consult physician if breathing does

not return to normal in fresh air.

Eye:

If brick chip enters eye do not rub. Flush with water. Contact physician.

Skin:

Wash irritated area with soap and water. If rash appears consult physician.

SECTION 5 - Fire Fighting Measures

Non-Combustible:

Brick as shipped do not pose a fire or explosion hazard.

SECTION 6 - Accidental Release Measures

Brick as shipped do not pose an environmental hazard.

SECTION 7 - Handling and Storage

Handling: Avoid contact with eyes. Do not breathe dust. If you need to saw, use a wet saw.

Storage: Store on hard, compacted surface in well ventalated area.

SECTION 8 - Exposure Controls / Personal Protection

Exposure: Aluminum Silicates - 15 mg/m3 Quartz - .025 mg/m3

Manganese Oxides - 0.2mg/m3 Chromium Oxides - 0.05mg/m3

Controls: Use of wet sawing methods is recommeded anytime that brick must be cut.

Ventilation: Provide adequate ventilation to maintain exposure below listed levels.

Personal Pretection: Safety glasses should be worn. If sawing, wear NIOSH approved dust mask.

SECTION 9 - Physical and Chemical Properties

Physical state:

Solid

Vapor point:

NA

Odor:

Odorless

Ignition Temp:

NA NA

Melting point:

NA NA Specific Gravity: Solubility in Water:

Insoluble

Boiling point: Flammability:

Not flammable

SECTION 10 - Stability and Reactivity

Stability: Stable under normal conditions Reactivity: No know reactions.

SECTION 11 - Toxicology Information

Acute toxicity:

Not classified

Quartz (14808-60-7):

IARC Group - 1-Carcinogenic to humans

National Toxicology Program - 2-Know Human Carcinogens

Manganese Dioxide (1313-13-9):

LD50 oral rat - >3478 mg/kg

Chromium Oxide (Cr2O3) (1308-38-9):

LD 50 oral rat - >15000 mg/kg

LC50 inhalation rat - >5.41 mg/l/4h

SECTION 12 - Ecological Information

Ecology - general

Long term effects in an aquatic environment are not known.

Bioaccumulative Potential:

Not known

SECTION 13 - Disposal Considerations

Waste Disposal:

Brick as shipped is considered a non-hazardous waste. It should be disposed of according to local

and state requirements.

SECTION 14 - Transportation Information

Proper name:

Brick

Hazard Class:

Brick as shipped are not hazardous per DOT regulations.

SECTION 15 - Regulatory Information

SARA 311/312:

Brick as shipped are not a Section 311/312 reportable product.

SARA 313:

Brick as shipped are not subject to Toxic Chemical Release Inventory requirements.

SECTION 16 - Other Information

Date of Issue:

Aug-24

US Brick Holdings, LLC 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 brick because it is occasionally dry sawed. We recommend only wet sawing of brick.

This product contains Crystalline Silicia, Quartz and may also contain trace amounts of other chemicals known to cause cancer, birth defects or other reproductive harm

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