

**SECTION 1 - IDENTIFICATION**

**Name of Product :** Brick                      **Recommended use :** Wall Veneer  
**Manufacturer :** US Brick, LLC  
**Address:** 9931 Two Notch Road, Columbia, SC 29223  
**Telephone :** 803-788-1916                      **Emergency # :** 911

**SECTION 2 - HAZARD(S) IDENTIFICATION**

**Classification:** Skin irritation -2              Eye Irritation - 2A                      Carcinogenicity - 1A  
**GHS Label:** GHS07      GHS08  
**Signal Word:** 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 crystalline 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**

<b>Component:</b>	Aluminum Silicates 50-85%	<b>CAS#</b>	Various
<b>Component:</b>	Quartz 30-75%	<b>CAS#</b>	14808-60-7
<b>Component:</b>	Manganese Dioxide <1%	<b>CAS#</b>	1313-13-9
<b>Component:</b>	Chromium Oxide <3%	<b>CAS#</b>	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-Combustable:** 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/m<sup>3</sup> Quartz - .025 mg/m<sup>3</sup>  
Mangaese Oxides - 0.2mg/m<sup>3</sup> Chromium Oxides - 0.05mg/m<sup>3</sup>

**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 Protection :** Safety glasses should be worn. If sawing, wear NIOSH approved dust mask.

## SECTION 9 - Physical and Chemical Properties

<b>Physical state:</b>	Solid	<b>Vapor point:</b>	NA
<b>Odor:</b>	Odorless	<b>Ignition Temp:</b>	NA
<b>Melting point:</b>	NA	<b>Specific Gravity:</b>	NA
<b>Boiling point:</b>	NA	<b>Solubility in Water:</b>	Insoluble
<b>Flammability:</b>	Not flammable		

## SECTION 10 - Stability and Reativity

**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-21

US Brick 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, Quarts 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 LLC assumes no responsibility as to the accuracy or suitability of such information and no warranty expressed or implied is made.