SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

Product Identifier

Material Name: Brick

Trade Name:	Clay Brick
Chemical Family:	Predominately Aluminum Silicates
Formula:	Mixture

Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Intended Use: Building material used for structural support.

Name, Address, and Telephone of the Responsible Party

Hebron Brick Company
PO Box S
Hebron, ND 58638
Product Support / Technical Services Phone: 701-878-4428

Emergency Telephone Number: 1-800-222-1222

Contact E-Mail: pete@hebronco.com

2. HAZARDS IDENTIFICATION

Appearance:	Granular brick shaped solid; comes in wide range of colors
Hazard Classification of the Substance or Mixture:	Skin irritation 2 Eye irritation 2A Skin sensitization 1B Carcinogenicity 1A Specific target organ toxicity - Single exposure 3 Specific target organ toxicity - Repeated exposure 1
Signal Word:	Danger
Hazard Statement:	Brick dust may contain crystalline silica, a chemical that has been determined by certain agencies to cause cancer. See Section 11 for more information on health hazards.

Pictograms:

Exclamation Point - irritants to skin, eyes and lung, hazard to ozone
Health Hazard - carcinogen, mutagenicity, respiratory sensitivity, reproductive toxin, target organ toxin, aspiration, toxin

Precautionary Statements: Limit inhalation of clay dust. Do not eat, drink, or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the work place. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection, and face protection. Use only outdoors or in a well vented area.

Response: If exposed or concerned: Get medical advice and attention immediately. If skin rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to so. Continue rinsing. If eye irritation persists: Get medical advice/ attention. If brick dust is inhaled: Remove person to fresh air to keep comfortable for breathing. Call a poison control center doctor if you feel sick.

Storage: Not applicable

Disposal: Dispose of unused or unwanted brick products in accordance with all local, regional, national and international regulations.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	CAS Number	%Weight
Aluminum Silicates	Various	50-85%
Quartz	14808-60-7	5-25%
Chromium Compounds	Various	0-3
Manganese compounds	Various	0-3
Iron compounds as granular body additives	Various	0-3
Calcium compounds	Various	0-3

Additional Information: The above chemistries are provided for industrial hygiene and environmental purposes and are not intended to represent product specifications. This

information has been compiled from data believed to be reliable. Elements such as aluminum, arsenic, boron, nickel, tin, titanium, vanadium, and zirconium may be present in trace amounts. Brick products as shipped do not present an exposure hazard.

4. FIRST AID MEASURES

Description of First Aid Measures

Eye Contact: Flush with running water. Obtain medical assistance if irritation continues.

Skin Contact: Wash with soap and water. If an allergic reaction causes a rash that does not heal within a few days consult a physician. Treat abrasions as any other scrap or cut with disinfectants and bandages.

Ingestion: None (no known acute effects)

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

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms and Effects of Exposure: For information on potential signs and symptoms of exposure, see Section 2 - Hazardous Identification and/or Section ll - Toxicology Information.

Medical Conditions Aggravated by Exposure: Excessive dust exposure may aggravate any existing respiratory disorders or diseases. Possible complications or allergies resulting in irritation to skin, eyes, and respiratory tract may occur from excessive exposure to dusts.

Recommendations for Immediate Medical Attention and Special Treatment Needed

Notes to Physician: Symptoms may not appear immediately.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Not applicable

Special hazards arising from the Substance or Mixture

Hazardous Combustion Products: No data available

Fire/Explosion Hazards: Bricks as shipped do not pose a fire or explosion hazard.

Advice for Fire-Fighter: None

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions and Protective Equipment

Use personal protection equipment recommended in Section 8

Emergency Procedures: Not applicable

Methods and Material for Containment and Cleaning Up: Not applicable

Cleanup Procedures: Not applicable

7. HANDLING AND STORAGE

Precautions for Safe Handling

Minimize dust generation and accumulation. Avoid breathing dust.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Always stack and store bricks in a stable manor to avoid falling hazards.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Aluminum Silicates

OSHA PEL	15 mg/m^3
ACGIHTLV	10 mg/m^3

Quartz

OSHA PEL	10 / %SiO_2
ACGIH TLV	0.025 mg/m^3 (respirable)

Chromium Compounds

OSHA PEL	Not available
ACGIH TLV	Not available

Manganese Compounds

OSHA PEL	Not available
ACGIH TLV	Not available

Iron Compounds as granular body activities

OSHA PEL	Not available
ACGIH TLV	Not available

Calcium Compounds

OSHA PEL	Not available
ACGIH TLV	Not available

Exposure Controls

Engineering Controls:	Provide adequate ventilation to maintain exposures below the OSHA PEL and ACGIH TLV for quartz and other substances.
Personal Protective Equipment:	Refer to applicable national standards and regulations in the selection and use of personal protective equipment (PPE). (Protective goggles, gloves, protective clothing, and dust mask)
Feet:	Use of steel toe shoes is recommended when handling brick.
Eyes and Face:	Face shield should be used when sawing brick.

Skin:	Use gloves and or protective clothing if abrasions or allergic reactions are experienced.
Respiratory Protection:	For airborne concentration exceeding the OSHA PEL or ACGIH TLV use a NIOSH and /or MSHA approved respirator.
Other:	Use of wet sanding method is recommended anytime the bricks must be cut.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Granular solid	**Color:**	Brick come in a wide range of color
Odor:	Essentially odorless	**Odor threshold:**	No data available
Molecular Formula:	Mixture	**Molecular Weight:**	Mixture

Solvent Solubility:	No data available
pH:	No data available
Melting/ Freezing Point (°C):	No data available
Boiling Point (°C):	No data available
Partition Coefficient (Method, pH, Endpoint, Value):	No data available
Decomposition Temperature (°C):	No data available
Evaporation Rate:	No data available
Vapor Pressure (kPa):	No data available
Vapor Density:	No data available
Relative Density:	No data available
Viscosity:	No data available

Flammability

Auto ignition Temperature (Solid) (°C):	No data available
Flammability (Solids):	No data available
Flash Point (liquid) (°C):	No data available
Upper Explosives Limits (Liquid) (% by Vol.):	No data available
Lower Explosive Limits (Liquid)(% by Vol.):	No data available

10. STABILITY AND REACTIVITY

Reactivity:	Brick as shipped are not reactive
Chemical Stability:	Stable under normal conditions of use
Possibility of Hazardous Reactions:	
Oxidizing Properties:	No data available
Incompatible Materials:	No data available
Hazardous Decomposition Products:	No data available

11. TOXICOLOGICAL INFORMATION

Effects of Short Term and Long Term Exposure:

Short Term

Bricks do not present an inhalation, ingestion or contact hazard. However, operations such as sawing and grinding may result in the following effects.

Eye:	May cause irritation by abrasion with dust or chips.
Skin:	Brick dust or chips may cause allergic reaction in hypersensitive individuals. May cause cuts and skin abrasions.
Inhalation:	Brick dust or chips may cause congestion and irritation in nasal and respiratory passages.
Ingestion:	No known acute effects.

Long Term:
Excessive exposures to respirable particles (dust) over an extended period of time may result in the development of pulmonary diseases such as silicosis.

Information on Toxicological Effects

General information: Toxicological properties of the formulation have not been investigated. Brick dust may contain crystalline silica, a chemical that has been determined by certain agencies to cause cancer and other chemicals known to cause cancer, birth defects and other reproductive harm. Inhalation of brick dust above established or recommended exposure levels should be avoided by use or wet sawing or shaping and/or use of a NIOSH and/or MSHA approved respirator.

Carcinogen Status: The following carcinogenicity classifications for crystalline have been established by the following agencies:

OSHA:	Not regulated as a carcinogen
IARC:	Group 1 carcinogen in humans
NIOSH:	Carcinogen, with no further categorization
NTP:	Known carcinogen

12. ECOLOGICAL INFORMATION

There are no known environmental impacts.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Dispose of waste in accordance with all applicable laws and regulations. State specific and community specific provisions must be considered. It is recommended that the waste minimization be practiced.

14. TRANSPORT INFORMATION

This material is not regulated for transportation as a hazardous material/dangerous good.

DOT: Bricks as shipped are not hazardous materials per DOT regulations.

15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

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 regulations. Brick waste should not be used as a blasting agent.
EPCRA Section 311/312:	Bricks as shipped are not a section 311/312 reportable product.
EPCRA Section 313:	Bricks as shipped are not subject to the section 313, Toxic chemical release inventory reporting requirements.
DOT:	Bricks as shipped are not hazardous materials per DOT regulations.

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Hebron Brick Company 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.

Revision Date: September 23, 2016

Reason: Converted MSDS to SDS

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. This SDS was prepared with information believed accurate at the time of preparation and was prepared and provided in good faith. However, Hebron Brick Company assumes no responsibility as to the accuracy or suitability of such information and no warranty expressed or implied is made.