

# MT. SAVAGE FIREBRICK

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## MATERIAL SAFETY DATA SHEET

### Product Material—80% Alumina Brick

#### ***SECTION I—Product Identification***

TRADE NAME: S-80  
PRODUCT TYPE: High Alumina Firebrick  
CHEMICAL FAMILY: Alumina  
FORMULA: Majority alumina, Minority silica  
CAS NUMBER: 1302938-1318167

#### ***Section II—Hazardous Ingredients***

Contains free or crystalline silica which has TLV of 0.1 mg/cu M. Crystalline silica (quartz) inhaled from occupational sources is classified as carcinogenic to humans, i.e. potentially may cause Cancer.

#### ***SECTION III—Physical Data***

BOILING POINT: Not Applicable  
VAPOR PRESSURE: Not Applicable  
SOLUBILITY IN WATER: Not soluble  
SPECIFIC GRAVITY: 2.85gr/cc  
APPEARANCE AND ODOR: Non-odorous-geometric solid-tan color

#### ***SECTION IV—Fire and Explosion Hazard Data***

FLASH POINT: Not Applicable  
FLAMMABLE LIMITS: Not Applicable  
EXTINGUISHING MEDIA: None Required  
SPECIAL FIRE FIGHTING PROCEDURES: None Required  
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

***SECTION V—Health Hazard Data***

THRESHOLD LIMIT VALUES (TLV)

<u>Ingredient:</u>	<u>CAS NUMBER:</u>	<u>Percentage:</u>	<u>TLV:</u>
Clay	1302938	15%	0.1 mg/cu M
Bauxite	1318167	85%	10.0 mg/cu M

EFFECTS OF OVEREXPOSURE:

Exposure to dusts may result in pulmonary disorders.

EMERGENCY AND FIRST AID PROCEDURES: Consult with physician

***SECTION VI—Reactivity Data***

PRODUCT STABILITY: Product is stable.

INCOMPATIBILITY: None

HAZARDOUS DECOMPOSITION PRODUCTS: None

***SECTION VII—Special Precautions***

Handling equipment should be designed to keep airborne dust to a minimum for worker comfort. Workers should be equipped with approved breathing protection apparatus, eye, hand and foot protection must be employed during installation and dismantling of construction.

***SECTION VIII—Disclaimer***

Although reasonable care has been taken in the preparation of this Material Safety Data Sheet, Mt. Savage Firebrick extends no warranties, makes no representation and assumes no responsibilities as to the accuracy or suitability of such information for application to the purchaser's intended purposes or for the consequences of its use.