

MT. SAVAGE FIREBRICK

17901 Mt. Savage Road NW
PHONE 301-689-1788

Frostburg, MD 21532
FAX 301-689-1798

MATERIAL SAFETY DATA SHEET

Product Material—50% Alumina Brick

SECTION I—Product Identification

TRADE NAME: S-50
PRODUCT TYPE: High Alumina brick and shapes
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: 2.55gr/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	50%	0.1 mg/cu M
Bauxite	1318167	50%	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.