

Material Safety Data Sheet

HMIS

Health Hazard	1*
Fire Hazard	0
Reactivity	0

*Indicates a chronic health hazard.

1 Product & Company Identification

Manufacturer's Name:	Alsey Refractories Company	Product Name:	Alsey Dry Milled Fireclay
	Highway 106	Product Type:	Ground Fireclay Mineral Refractory
	Alsey, IL 62610	Chemical Family:	Al ₂ O ₃ -SiO ₂ (Aluminum Silicate); Al ₂ O ₃ (Aluminum Oxide)
	Phone: 314-963-7900		

2 Hazards Identification

Potential Health Effects	Acute	Chronic
Eyes	Dust or grains can cause mechanical irritation.	None known.
Skin	Flowing material can cause abrasions.	None known.
Inhalation	Dust, if present, may cause upper respiratory irritation.	Long-term exposure to dust may cause lung damage.*
Ingestion	Unknown. Not an expected route of entry.	Unknown.

*According to Group 1 of the International Agency for Research on Cancer (IARC), there is sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the form of quartz or cristobalite from occupational sources.

3 Composition/Information of Ingredients

Name	CAS-No	Weight %
alumina silicate (Al ₂ O ₃)	1302-93-8	0-36%
crystalline silica total		0-58%
Cristobalite*	14464-46-1	
Quartz*	14808-60-7	
Titanium Dioxide	13463-67-7	0-3.5%
Aluminum Oxide	1344-28-1	0-40%

Quartz & Cristobalite 0.17% chemically combined (calculated estimate)

*Not mechanically separate from each other or other mineralogical phases in product as supplied.

4 First Aid Measures

Eye Contact:	Flush with clean water for 15 minutes. If irritation occurs, consult physician.
Skin Contact:	Wash with soap and warm water. If irritation occurs, consult physician.
Ingestion:	Contact physician immediately. Do not induce vomiting unless instructed to do so by physician. Product is non-toxic as supplied, but its abrasive nature could damage internal organs.
Inhalation:	Remove to fresh air. If breathing difficulty continues, give oxygen & seek medical attention.

5 Fire Fighting Measures

Flammable Properties:	None.
Suitable extinguishing agents:	Use fire fighting measures that suit the environment.
Extinguishing Media:	Use extinguishing media appropriate for surrounding media. Not Combustible.
Protective equipment:	No special measures required.
Precautions for Firefighters:	No special instructions.
Unusual Fire & Explosion Hazards:	None.

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12 Ecological Information

Ecotoxicological/chemical fate information: not available.

13 Disposal Considerations

Disposal of Product: As supplied, product may be disposed of in an approved landfill, in accordance with federal, state, and local regulations

Packaging Disposal: Reuse, recycle or treat as industrial waste.

14 Transport Information

U.S.A. DOT: Not Regulated. Canadian TDG: Not Regulated.

Additional information: Not dangerous according to available information.

15 Regulatory Information

International Inventories

TSCA: This substance or all the ingredients of this product are on the Chemical Substances Inventory of the Toxic Substances Control Act (TSCA Inventory). The presence on this list does not require any legal reporting. All Components Listed.

DSL: All Components Listed.

U.S. Federal Regulations

SARA 313: No material listed in the components in Section 3 of this MSDS is on the SARA 313 list.

California: California Proposition 65: This product contains crystalline silica, chemical known to the State of California to cause cancer.

Other States: Crystalline silica products are not known to be regulated by states other than California; however state and local OSHA and EPA regulations may apply to these products. Contact your local agency if in doubt.

16 Other Information

MSDS Status: Replaces all prior MSDS.

Note: This material safety data sheet contains confidential proprietary information and is not to be disclosed to the general public or to competition except as required by law. The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with Alsey Refractories Co. or not. This information is offered solely for use in your evaluation of this product in respect to safety, health, and environmental hazards.

End of MSDS