

SILMIM LLC

11521 Allen A Brown Rd,
Charlotte, NC 28269, USA

Material Safety Data Sheet WHYTHEAT K MSDS

Section 1: Identification of The Substance/Preparation of The Company /Undertaking

Product Name : WHYTHEAT K

Other Name : Castable Refractory Cement

Type : Preparation –unshaped refractory material.

Manufacturer : Calderys India Refractories Limited,

Fidvi Tower,6th Floor, Opposite Saraf Chambers, Mount
Road, Sadar, Nagpur 440001. INDIA. Tele - 0712-2562960,
2528506 Fax No - 0712-2530885

Contact Information:

Silmim LLC

11521 Allen A Brown Road,

Charlotte, NC 28269

US Sales: **1-469-579-8600**

Order Online : simondstore.com

Emergency Call : **1-469-579-8600**

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS#	% by Weight
Chamotte-corundum	1302-93-8	>50<95
Alumina Cement	65997-16-2	>60<92

Section 3: Hazards Identification

Miscellaneous: As delivered the product is non-hazardous The Should be installed in a ventilated area on heating the installed product water vapor is released.

Eye: Mechanical irritation from aggregate or fine particles during manipulation

Skin: Drying effect possible when handling cement containing material.

Inhalation: Temporary irritation dust during handling

Section 4: First Aid Measures

Eye Contact:

Rinse with water, if irritation persists seek medical advice.

Skin Contact:

Wash with soap and water, if irritation persist seek medical advice

Serious Skin Contact: Not available.

Inhalation: Remove to fresh air

Serious Ingestion: Not available.

**** If any of the symptoms persist, seek medical attention****

Section 5: Fire –Fighting Measures

This product is not combustible or explosive as received. it is compatible with standard firefighting methods

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Section 6: Accidental Release Measures

Personal Precautions- see section 8 Remove split material with brush and shovel

Section 7: Handling and Storage

Precautions for Safe Handling:

Do not handle wet product with bare hands. Handling of dried products can be a source of dust emission and therefore the process should be designed to limit the amount of handling. Whenever possible, handling should be carried out under controlled conditions (i.e., using dust exhaust system)

Regular good housekeeping will minimize secondary dust dispersal.

Conditions for Safe Storage:

Store in original packing.

Avoid damaging the packaging.

Use a plastic bucket is recommended.

Empty containers: Product packaging may contain residue. Do not reuse.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Use sufficient ventilation to keep employee exposure below recommended limits. During tear outs, use engineering controls such as local exhaust ventilation, point of generation dust collection, down draft work stations, emission controlling tool designs and materials handling equipment designed to minimize airborne fiber and dust emissions.

Substance	Long Term Expo 8 hr TWA mg/m3
Silica	Total Dust <1% Crystalline

Personal Protection:

Eye: Safety glasses with side-shields are recommended

Skin: Standard clothing is suitable for installations at ambient temperatures

Hand: Industrial gloves are recommended

Respiratory: Use appropriate respiratory protection device consult the local reglementation. Maintain adequate ventilation as long as handling

Section 9: Physical and Chemical Properties

Appearance: Dry mixture of aggregates and fine powders

Melting Point: 3002°F

Packing Density: 1.54 g/cc

Solubility: Slightly soluble in water

Section 10: Stability and Reactivity Data

No reaction in air; exposure to moisture may causes lumps which although not hazardous will damage the product see also section 3 at high temperature, this type of product turns into cristobalite

Before destruction of the product customer are advised to consult local legislation about the exposure limit values of the cristobalite.

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Section 11: Toxicological Information

This material provides little threat to human health within the described standards of industrial hygiene. The main danger is the possibility of inhalation of fine silica dust over a prolonged time period. Prolonged and/or massive exposure of respirable crystalline silica-containing dust may cause silicosis, a nodular pulmonary fibrosis caused by the deposition in the lungs of fine respirable particles of crystalline silica.

Section 12: Ecological Information

The unused product is considered harmless to the environment.

Section 13: Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

Waste Management: To prevent waste materials from becoming airborne during waste storage, transportation and disposal, a covered container or plastic bagging is recommended.

Disposal: This product is not classified as a hazardous waste according to Federal regulations (40 CFR 261). Check local, regional, state or provincial regulations for applicable requirements for disposal. Any processing, use, alteration or chemical additions to the product, as purchased, may alter the disposal requirements. Under Federal regulations, it is the waste generator's responsibility to properly characterize a waste material, to determine if it is a "hazardous" waste.

Section 14: Transport Information

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

The product is not classified as dangerous for carriage.

BILL OF LADING DESCRIPTION (49 CFR 172.202): Whytheat K (NON-REGULATED).

UNITED NATIONS (UN) NUMBER: Not Applicable.

NORTH AMERICA (NA) NUMBER: Not Applicable.

Section 15: Other Regulatory Information

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: Bindzil 830 & 1430 is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA TITLE III:

Hazard Category For Section 311/312: None

Section 313 Toxic Chemicals: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

Section 302 Extremely Hazardous Substances (TPQ): None

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EPA Toxic Substances Control Act (TSCA) Status: All substances contained in this product are listed in the TSCA Chemical Inventory [Section 8 (b)].

INTERNATIONAL REGULATIONS:

Canadian WHMIS Classification: Not a controlled product.

Canadian Environmental Protection Act: All of the components in this product are listed on the Domestic Substances List (DSL).

Other Classifications:

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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