

SILMIM LLC

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

MATERIAL SAFETY DATA				
PRODUCT		:	H.F.K. INSULATION BRICKS	
Identification of the substance of preparation - Commercial Product Name		:	H.F.K. INSULATION BRICKS	
1 COMPANY UNDERTAKING IDENTIFICATION				
Contact Info:		Silmim LLC, Charlotte, NC, 28269		
US Sales		:	1-469-579-8600	
Order Online		:	simondstore.com	
Recommended Use		:	High Temperature Thermal Insulation	
Physical Form		:	Solid Form	
Type Preparation		:	Unshaped Refractory Material converted into shaped product by pressing and firing	
2 HAZARDUS IDENTIFICATION				
Hazard Classification		:	Not Classified as a hazardous material according to criteria of NOHSC NON - HAZARDOUS SUBSTANCE NON - HAZARDOUS GOODS	
3 COMPOSITION / INFORMATION ON INGREDIENTS				
Ingredient			Proportion (%)	CAS Number
Alumina (Al ₂ O ₃)		:	30 - 35	1344-28-1
Iron Oxide (Fe ₂ O ₃)		:	1.9 - 2.22	1309-37-1
Silica (SiO ₂)		:	0 - 65	14808-60-7
4 FIRST AID MEASURES				
Eye Contact		:	If in eyes, hold eyelids apart and flush the eyes thoroughly and continuously with running clean water. Continue flushing for at least 15 minutes. If irritation persists, seek medical attention. Contact lenses removal should only be undertaken by skilled personnel.	
Skin Contact		:	Wash areas of contact with clean water and PH-neutral soap. If irritation continues, seek medical attention	
Inhalation		:	Move to fresh air. Seek medical attention if coughing or other symptoms persist.	
Ingestion		:	As shipped, product not likely to be ingested but if it occurs, do not induce vomiting, drink plenty of water. Seek medical attention.	
5 FIRE FIGHTING MEASURES				
Flammability		:	Non flammable	
Fire & Explosion		:	Nonflammable. No fire or explosion exists	
Suitable Extinguishing media		:	No Specific Requirements	

SILMIM LLC

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

MATERIAL SAFETY DATA		
6	ACCIDENT RELEASE MEASURES	
	Personal Precautions	: Avoid direct contact with product or dusts from product by wearing protective clothing, using approved respiration protection and wearing gloves
	Cleanup measures	: Dry sweeping of materials should be avoided to minimize dust emissions into the air
7	HANDLING AND STORAGE	
	Precautions for safe Handling	: Avoid direct contact with product or dusts from product by wearing protective clothing, using approved respiration protection and wearing gloves of impermeable type
	Conditions for safe storage	: The product should be kept in dry location until used and away from sources of heat (furnaces, boilers, incinerators, etc.) Pallet protection such as shrink-wrap should be kept in place until the product is required for installation
8	EXPOSURE CONTROLS / PERSONAL PROTECTION	
	Engineering Controls	: Process enclosures, local exhaust ventilation, or other engineering process controls may be necessary to keep any air contaminants associated with this product within their TLV's. This is particularly true if user operation generates dust.
	Respiratory Protection	: This product is proprietary mixture of unique ingredients. It does not have an established limit for airborne concentration which workers can routinely be exposed to without suffering adverse health effects. The user must review his/her own circumstances and then determine what is required to establish a respiratory program. Some type of respiratory protection is recommended even for the best conditions. Acute respirator selection should be made after consultation with a competent health and safety professional.
	Eye Protection	: Wear safety glasses with side shields or goggles
	Hand Protection	: Wear gloves to prevent direct skin contact Wear clothing designed to limit direct exposure to product or dusts associated with product. If clothing becomes contaminated, it should be laundered before wearing again. Maintain good personal hygiene. Wash hands thoroughly before eating or drinking

SILMIM LLC

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

MATERIAL SAFETY DATA		
9	PHYSICAL AND CHEMICAL PROPERTIES	
	Appearance	: Brick Shape
	Odor	: Odorless
	pH Value	: Not Available
	Vapor Pressure	: Not Available
	Vapor Density	: Not Available
	Boiling Point	: Not Available
	Melting Point	: 1480 °C (2700 °F)
10	STABILITY AND REACTIVITY	
	Chemical Stability	: This product is stable under normal conditions for shipping, storage and installation
	Conditions to avoid	: None
	Incompatible Material	: Non Hazardous Decomposition None
	Hazardous Polymerization	: None
	Hazardous Reaction	: None
11	TOXICOLOGICAL INFORMATION	
	Health Hazard summary	: Low toxicity. Use safe work practices to reduce eye or skin contact and dust generation-inhalation
	Eye	: Contact with dust or power may cause irritation
	Skin	: Repeated or prolonged contact may cause irritation
	Inhalation	: May irritate the respiratory tract on prolonged or repeat contact and may aggravate pre-existing respiratory condition
	Ingestion	: Not Applicable
	Carcinogenicity	: Not Applicable
	Chronic Effects	: Prolonged breathing of dust may cause lung disease
12	ECOLOGICAL INFORMATION	
	Accidental Release	: No information has been developed regarding the the eco-toxicity or environmental fate of this product.
13	DISPOSAL CONSIDERATIONS	
	Waste Disposal Method	: The as-manufactured refractory or dust from this material is not considered a hazardous. However, used product (and dusts generated during maintenance and tear-out operations). May be contaminated with other hazardous substances from the particular application (for example, metals). Therefore, appropriate waste analysis may be necessary to determine proper disposal. A qualified environmental professional in accordance with applicable federal, state and local regulations should determine waste characterization and disposal/treatment methods

SILMIM LLC

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

MATERIAL SAFETY DATA SHEET		
14	TRANSPORT INFORMATION	
	Transport Information	: Not regulated as a hazardous material
	U.N. Number	: Not Applicable
15	REGULATORY INFORMATION	
	NOT APPLICABLE	: N.A.
16	OTHER INFORMATION	
	Other Information	<p>The following sections contain revisions or new statements: All sections. <i>The information above is believed to be accurate and represents the best information currently available to us.</i></p> <p>: <i>However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Simondstore.com be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Simondstore.com has been advised of the possibility of such damages.</i></p>