

MATERIAL SAFETY DATA

SECTION I

MANUFACTURERS NAME: Kansas Brick & Tile Co., Inc.		EMERGENCY TELEPHONE NUMBER: (316) 653-2157	
ADDRESS: PO Box 450, Hoisington, Kansas 67544			
CHEMICAL NAME & SYNONYMS N/A		TRADE NAME & SYNONYMS Kansas Brick	
CHEMICAL FAMILY: N/A		CHEMICAL FORMULA: N/A	

SECTION II -- HAZARDOUS INGREDIENTS

HAZARDOUS MIXTURES OF OTHER SOLIDS	%	TLV
Silica (Quartz) SiO ₂ (Free Silica)	Varies	<u>10mg/m³</u> %+2
Silica (Quartz) SiO ₂ (Total Dust)	Varies	<u>30mg/m³</u> %+2

SECTION III -- PHYSICAL DATA

Boiling Point	N/A	Specific Gravity	N/A
Vapor Pressure (mm Hg)	N/A	% Volatile by Volume	N/A
Vapor Density (Air=1)	N/A	Evaporation Rate	N/A
Solubility in Water	N/A		

Appearance and Odor - Various colors, Hard Ceramic, Normally rectangular, however, many special shapes are also manufactured to eliminate cutting on the job site.

SECTION IV -- FIRE & EXPLOSION HAZARD DATA

Flash Point	N/A	Flammable Limits	Lower	N/A
Extinguishing Media.....Non-Flammable			Upper	N/A
Special Firefighting Procedures...None Required				
Unusual Fire & Explosion Hazards...None				

SECTION V -- HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE

EYES	ACUTE	Dust or chips can cause mechanical irritation
	CHRONIC	None Known
SKIN	ACUTE	Can cause mechanical abrasions or cuts
	CHRONIC	None Known
INHALATION	ACUTE	Dust, if present, may cause upper respiratory irritation
	CHRONIC	Fine dust (less than 5 microns) from sawing Kansas Brick without water (dry) may contain free silica and cause silicosis, which is a potentially fatal lung disease, that could be contracted if a person saws brick dry all day long for an extended period of years.
INGESTION	ACUTE	None Known
	CHRONIC	None Known

EMERGENCY FIRST AID PROCEEDURES

EYES	Immediately flush with clean water for 15 minutes. Consult a physician if irritation occurs.
SKIN	Treat abrasions using normal first aid procedures.
INHALATION	Remove to fresh air. Seek medical attention.
INGESTION	Contact physician immediately. Do not induce vomiting unless instructed to do so by a physician. Product is not toxic as supplied, but its abrasive nature could damage internal organs.

CARCINOGENIC POTENTIAL

	This product may contain crystalline silica. Prolonged exposure to fine dust created while sawing dry may cause silicosis, a progressive pneumoconiosis. International Agency for Research on Cancer (IARC) has classified crystalline silica as a Class 2A carcinogen. Their study concluded that sufficient evidence for carcinogenicity exists in experimental animals and that limited evidence for carcinogenicity exists for humans.
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SECTION VI -- REACTIVITY DATA

STABILITY - Stable	CONDITIONS TO AVOID - None
INCOMPATIBILITY (Materials To Avoid)	None
HAZARDOUS DECOMPOSITION PRODUCTS	None
HAZARDOUS POLYMERIZATION	Will Not Occur

SECTION VII -- SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Inspect for quality, if acceptable then reuse. If not of acceptable quality, pick up and throw away.

WASTE DISPOSAL METHOD

Dispose of as demolition debris or landfill in accordance with local, state, and federal regulations.

SECTION VIII -- SPECIAL PROTECTION INFORMATION

RESPIRATORY	Use proper NIOSH approved respirator when sawing Kansas Brick without water (dry).
VENTILATION	If it is necessary to saw Kansas Brick dry, do so in a well ventilated area, with the dust blowing away from the operator.
PROTECTIVE CLOTHES	Wear leather gloves, long sleeved and long legged clothing to protect hands, arms, and legs from cuts or skin abrasions. Safety shoes should be worn to protect feet from accidentally dropped bricks or special shapes.
EYE PROTECTION	Safety glasses should be worn to protect eyes from brick chips.
OTHER	None

SECTION IX -- SPECIAL PRECAUTIONS

Although it is believed that Kansas Brick in the intact form does not release any hazardous substances, precautions should be taken when the product is handled in such a way that may produce airborne dust, i.e. drilling dry, sawing dry, or crushing. In such cases, a NIOSH approved dust mask and safety glasses/goggles are recommended and possibly required, depending on the size, quantity, and chemical makeup of the airborne particles.

The information provided herein is presented according to the Kansas Brick & Tile Co., Inc.'s practices current at the time of the preparation of this document, and is made available solely for the consideration, investigation and verification of the original recipients hereof and does not constitute a representation or warranty for which the Kansas Brick & Tile Co., Inc. assumes legal responsibility. It is the responsibility of the recipient of this document to remain currently informed on chemical hazard information, to design and update its own safety program and to comply with all national, state, and local laws and regulations applicable to safety, occupational health, right to know, and environmental protection.