

## Material Safety Data Sheet

07/28/09

## Section I

**PRODUCT NAME OR NUMBERS:** Tex Kast 97T, Tex Kast T, Tex Kast 90T, Tex Kast 80, Tex Kast 30, Tex Kast C, Tex Kast HS, Tex Kast Super, Tex Kast Super G, Tex Kast D, Tex Kast Coarse, Tex Kast, Tex Kast N, Wesco Sak Mix, Tex Kast HS G.

**Manufacturer's Name:** WESCO REFRACTORIES, INC.  
**ADDRESS:** 410 E. Magnolia, Fort Worth, Texas 76104  
**Emergency Telephone Number:** 817/332-1589

## Chemical Family:

Alumina-Silica

## Section II.

## CHEMICAL COMPONENTS (List for all Ingredients)

	EXPOSURE LIMITS		C.A.S. Number	%
	OSHA PELs			
Al <sub>2</sub> O <sub>3</sub>	10 Mg/M <sup>3</sup>	(D)	1344-28-1	40-97
SiO <sub>2</sub>	30 Mg/M <sup>3</sup>		14808-60-7	.01-43
Fe <sub>2</sub> O <sub>3</sub>	5 Mg/M <sup>3</sup>		1309-37-1	.01-3.0
CaO	2 Mg/M <sup>3</sup>		1305-78-8	2.0-11
MgO	10 Mg/M <sup>3</sup>		1309-48-4	0.0-0.5
TiO <sub>2</sub>	10 Mg/M <sup>3</sup>		13463-67-7	0.0-2.5
Alkalies				0.0-1.3

## Section III.

## PHYSICAL DATA

Boiling Point:	N/A	Specific Gravity (H <sub>2</sub> O = 1):	2.0-4.5
Vapor Pressure mm Hg @ 20°C:	N/A	Percent Volatile by Volume:	None
Vapor Density (Air = 1):	N/A	Evaporative Rate (Ethyl ether = 1):	N/A
Solubility in Water:	Slight	pH=	N/A
Appearance: white to dark grey	Odor None	Material is:	Powder

## Section IV.

## FIRE AND EXPLOSION HAZARD DATA

Closed Cup Flash Point of:	N/A	LEL:	N/A %
Ignition Temperature of:	N/A	UEL:	N/A %
Extinguishing Media:	Water spray or foam, dry chemical, carbon dioxide		
Special Fire Fighting Procedures:	Non-combustible and not explosive. Move container from fire area if possible; avoid breathing vapors or dust. Protective clothing for skin and eyes should be worn.		
Unusual Fire and Explosion Hazards:	NONE		

## Section V.

## TRANSPORTATION REQUIREMENTS

D. O. T. Hazardous Material Proper Shipping Name (49CFR 172.101):	None
D. O. T. Hazard Class (49CFR 172.101):	None
D. O. T. Identification No.:	None
EPA Hazardous Waste No.:	None

## Section VI.

## PHYSIOLOGICAL EFFECTS

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**EFFECTS OF EXPOSURE:** This product contains cristobalite which is listed in IARC Group 2A as a probable human carcinogen. Contains cement; when mixed with water becomes caustic and will burn the eyes or skin.

**ROUTE OF ENTRY:** Inhalation

**ACUTE:** Transitory upper respiratory physical irritation, congestion of the throat, nasal passages, and upper respiratory system.

**CHRONIC:** Excessive inhalation of product dusts may cause bronchitis and lead to other respiratory disease. Cement dust can cause inflammation of the lining tissue of interior of the nose and of the cornea.

**INHALATION:** Exposure to dust or spray may cause coughing, sneezing, or other symptoms of upper respiratory tract irritation.

**EYES:** Will cause tissue destruction and eye damage if not promptly treated.

**INGESTION:** Causes severe irritation and possible tissue damage to mucous membranes of the mouth, throat, esophagus and stomach.

**EMERGENCY AND FIRST AID PROCEDURES:**

- (1) **Eyes:** Flush with plenty of water for 15 minutes; do not rub eyes, aggregate may scratch & cut cornea **SEEK MEDICAL ATTENTION IMMEDIATELY.**
- (2) **Skin:** Flush with large amounts of water. Seek medical attention if irritation persists
- (3) **Inhalation:** Remove to fresh air; seek medical attention if irritation persists.
- (4) **Ingestion:** Give large quantities of water and **SEEK MEDICAL ATTENTION IMMEDIATELY.**

**Section VII.                      REACTIVITY DATA**

<b>STABILITY:</b> Stable	<b>INCOMPATIBILITY (Materials to Avoid):</b> Strong oxidizer
<b>CONDITIONS TO AVOID:</b> None	<b>DECOMPOSITION PRODUCTS:</b> None
<b>HAZARDOUS POLYMERIZATION</b>	Will Not Occur <b>CONDITIONS TO AVOID:</b> N/A

**Section VIII.                      SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Replace material in clean dry containers. Do not flush with water.

**WASTE DISPOSAL METHOD:** Non-biodegradable. Observe all local, state and federal regulations when disposing.

**Section IX.                      PERSONNEL PROTECTION (see instructions)**

Wear a MSHA/NIOSH approved respirator in dusty environments. Local exhaust can be used to control airborne dust levels.

**Section X.                      SPECIAL PRECAUTIONS**

Keep dust in work area at a minimum and maintain air concentration of dust below PEL's Limit. Avoid inhalation of dust. Avoid eye contact with materials.

The information given above is believed to be accurate and was obtained from sources believed to be reliable. However, the information is provided without any representation or warranty, expressed or implied, with respect to its accuracy or completeness. It is the user's responsibility to determine the suitability of this product and relevance of this information for their use. We do not assume liability resulting from use, handling, storage, and disposal of this product.

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