

**MATERIAL SAFETY DATA SHEET
KEY SILICA FLOUR**

PRODUCT NAME: Key Silica Flour
PRODUCT CODE:

HMIS CODES: H F R P
2 0 0 B

SECTION 1: MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: KEY RESIN COMPANY
ADDRESS: 4061 Clough Woods Drive
Batavia, OH 45103
EMERGENCY NUMBER: 1-800-424-9300 **DATE PRINTED:** 03/28/06
INFORMATION NUMBER: 1-513-943-4225 **NAME OF PREPARER:** R. CAIN

SECTION 2: HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	WT %	CARCINOGEN
Silica	14808-60-78	0.01			(IARC-Limited)
Sand			mg/m3		Evidence

Substances listed are present in concentration of 1% or greater, or 0.1% if cited as a potential Carcinogen in the OSHA hazards communication standard. Where proprietary ingredient is listed, the identity is available as provided in 29 CFR 1910.1200.

NE - Not Established

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE : Not Applicable
VAPOR DENSITY : Not Applicable
VAPOR PRESSURE : Not Applicable
VOC :
SOLUBILITY IN WATER : NIL
APPEARANCE AND ODOR : Grainy solid with no odor
SPECIFIC GRAVITY (H2O=1) : 2.6
EVAPORATION RATE :

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not applicable
METHOD USED:
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER:
UPPER:
EXTINGUISHING MEDIA: None
OSHA FLAMMABILITY CLASSIFICATION:
SPECIAL FIRE FIGHTING PROCEDURES: Wear positive pressure self contained breathing apparatus because of microcrystalline dust exposure.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION 5: REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID:

INCOMPATIBILITY (MATERIALS TO AVOID):

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

HAZARDOUS POLYMERIZATION:

SECTION 6: HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Non-toxic, but excessive exposure can cause delayed lung damage. (Silicosis)

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Skin contact not likely. May cause irritation to eyes.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Not likely to occur.

HEALTH HAZARDS (ACUTE AND CHRONIC):

CARCINOGENICITY: **NTP CARCINOGEN:** **IARC MONOGRAPHS:** **OSHA REGULATED:**

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water. Get medical attention if irritation persists.

SKIN: Wash with soap and water.

INGESTION:

INHALATION: Remove to fresh air.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up and dispose of in sanitary landfill.

WASTE DISPOSAL METHOD:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

OTHER PRECAUTIONS: Grinding or abrasive action to cured product containing Non skid aggregate can generate micro crystalline dust. Wear a dust mask.

SECTION 8: CONTROL MEASURES

RESPIRATORY PROTECTION: Wear a dust mask when handling.

VENTILATION:

PROTECTIVE GLOVES:

EYE PROTECTION: Wear safety glasses or goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear appropriate clothing to minimize skin contact and abrasion.

WORK/HYGIENIC PRACTICES:

SECTION 9 - DISCLAIMER

Data and recommendations presented herein are based upon our and other researchers and are believed to be accurate. The products discussed are distributed without warranty (expressed or implied) and the customer shall make his own determination of suitability for his particular purpose.