

2140

MATERIAL SAFETY DATA SHEET

Conforms to OSHA Hazard Communication Std. 29CFR 1910.1200
MC-X-01046 (3.85)

Kaolin	DATE 9/1/85
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PRODUCT IDENTIFICATION

TRADE NAME EPA (Kaolin) File name	GENERIC NAME Kaolin
MANUFACTURER'S NAME The Feldspar Corporation	CAS NUMBER 1332-58-7
ADDRESS (STREET) P.O. Box 8	PHONE NUMBER (EMERGENCY) (904) 481-2421 or (704) 765-9051
CITY Edgar, Florida	STATE ZIP 32094
CHEMICAL STRUCTURE H4Al2Si2O9; SiO2	

I • PRODUCT INGREDIENTS

CHEMICAL AND/OR COMMON NAME	CAS NUMBER	%	TLV/PEL
Kaolinite, kaolin, clay, hydrous aluminum silicate	1332-58-7	}	3.95 mg/m ³
Silica, quartz, silicon dioxide	14808-60-7		total dust 1.52 mg/m ³ respirable dust

II • PHYSICAL DATA

BOILING POINT N/A	VAPOR PRESSURE N/A	SPECIFIC GRAVITY 2.56	MELTING POINT 1740 - 1785°C
SOLUBILITY IN WATER Nil	VAPOR DENSITY (AIR = 1) N/A	PERCENT VOLATILE N/A	EVAPORATION RATE (= 1) N/A
APPEARANCE AND ODOR Buff colored powder, odorless			

III • FIRE AND EXPLOSION DATA

FLASH POINT Nonflammable and nonexplosive	FLAMMABLE LIMITS	FLAMABLE LIMITS N/A	LEL N/A	UEL N/A
EXTINGUISHING MEDIA N/A				
SPECIAL FIREFIGHTING PROCEDURES None				
UNUSUAL FIRE OR EXPLOSION HAZARDS None				

IV • HEALTH HAZARD INFORMATION

HAZARD BY ROUTES OF EXPOSURE (Indicate chronic and acute)

INHALATION
Repeated, prolonged inhalation of dust may cause delayed lung injury (silicosis)

INGESTION
N/A

EYE
N/A

SKIN CONTACT/ABSORPTION
N/A

SIGNS AND SYMPTOMS ASSOCIATED WITH EXPOSURE OVER TLV
Short term - none

Long term - may cause silicosis, a chronic disease of the lungs marked by acute fibrosis

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED
None known

ANY OF PART I LISTED AS CARCINOGENS? (NTP, IARC, OSHA)
No

N/A = Not Applicable

HEALTH HAZARD INFORMATION CONTINUED ON BACK

V • HEALTH HAZARD INFORMATION (Continued)

EMERGENCY/FIRST AID PROCEDURES

INHALATION

Move to fresh air; consult physician and/or obtain competent medical assistance, as necessary

INGESTION

N/A

EYE CONTACT

Flush with water; consult physician and/or obtain competent medical assistance, as necessary

SKIN CONTACT

Wash with water

SKIN ABSORPTION

N/A

VI • CONDITIONS FOR SAFE USE (When over TLV)

RESPIRATORY PROTECTION

Use approved NIOSH/MSHA respirator if dust is present

EYE PROTECTION

Optional

PROTECTIVE GLOVES

Optional

OTHER PROTECTIVE CLOTHING/EQUIPMENT

None required

VENTILATION REQUIREMENTS

Local exhaust recommended

VII • REACTIVITY DATA

IS MATERIAL STABLE?

Yes

WILL HAZARDOUS POLYMERIZATION OCCUR?

No

INCOMPATIBILITY

None known

CONDITIONS TO AVOID

None known

HAZARDOUS DECOMPOSITION PRODUCTS

None

VIII • SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED

If uncontaminated, recover and reuse

If contaminated, collect in suitable containers for disposal

WASTE DISPOSAL METHOD May be buried in approved land disposal facility in accordance with federal, state, and local regulations

RCRA REGULATED

Yes X No

RCRA NUMBER

CERCLA (Superfund) REPORTABLE QUANTITY

DOT REGULATED

Yes X No

DOT PROPER SHIPPING NAME

DOT HAZARD CLASS

DOT NUMBER

IX • SPECIAL PRECAUTIONS

SPECIAL PRECAUTIONS FOR HANDLING AND STORAGE

Avoid breathing dust

OTHER PRECAUTIONS

None