

MATERIAL SAFETY DATA SHEET

Conforms To:
OSHA Hazard Communication Standard 29CFR 1910.1200

C.A.
AUG 26 1991
Pottery Feldspars

Date:
1/01/91

PRODUCT IDENTIFICATION

Trade Name: C-6, NC-4, G-200,	Generic Name: Feldspar
Manufacturer's Name: The Feldspar Corporation	CAS Number: 68476-25-5
Address: One West Pack Square, Suite 700	Phone Number (Emergency): (704)254-7400
Asheville, N.C. 28801	Chemical Structure: Variable (Na, K, Ca) $AlSi_3O_8$; SiO_2

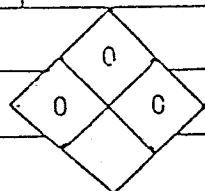
1. PRODUCT INGREDIENTS

CHEMICAL AND/OR COMMON NAME	CAS NUMBER	%	TLV/TWA
Feldspar	68476-25-5	90	10mg/M ³
		(Variable)	Total dust
Quartz, Silica, Flint, Silicon Dioxide	14808-60-7	10	0.1 mg/M ³
		(Variable)	Respirable dust

II. PHYSICAL DATA

Boiling Point: N/A	Vapor Pressure: N/A	Specific Gravity: 2.65	Melting Point: 1100° C - 1450° C
Solubility In Water: Nil	Vapor Density (Air -1) N/A	Percent Volatile N/A	Evaporation Rate (-1) N/A
Appearance and Odor: White powder - odorless			

III. FIRE AND EXPLOSION DATA

Flash Point: Nonflammable and nonexplosive	Flammable Limits: Nonflammable	LEL: N/A	UEL: N/A
Extinguishing Media: N/A		 NFPA CODE	
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 which may result in silicosis or pneumoconiosis. May cause cancer, based on animal data.			
Ingestion: Nausea may result from accidental ingestion; may cause cancer, based on animal data.			
Eye: Inflammation of eye tissue may occur from overexposure.	Health Flammability	2* 0	HMIS CODE
Skin Contact/Absorption: Inflammation from contact with open cuts may occur.	Reactivity Pers. Protection	0 E	
Signs And Symptoms Associated With Exposure Over TLV: Short Term: Shortness of breath, coughing associated with inhalation of dust			
Long Term: May cause silicosis, a chronic disease of the lungs marked by acute fibrosis; may cause cancer, based on animal data.			
Medical Conditions Which May Be Aggravated: None when MSHA/OSHA/NIOSH approved respiratory equipment is used as required.			

Any of Part I Listed As Carcinogens? (NTP, IARC, OSHA)

Yes - The International Agency For Research On Cancer in its publication, "IARC Monographs On The Evaluation Of The Carcinogenic Risk To Humans - Silica And Some Silicates" - Volume 42, 1987, has concluded that there is sufficient evidence for the carcinogenicity of crystalline silica in experimental animals, and limited evidence for the carcinogenicity of crystalline silica in humans, and has, therefore, classified crystalline silica in Group 2A of Probable Carcinogens.

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: Consult physician and/or obtain competent medical assistance.

Eye Contact: Flush with water; consult physician and/or obtain competent medical assistance as necessary.

Skin Contact: Wash thoroughly with water.

Skin Absorption: N/A

VI. CONDITIONS FOR SAFE USE (When Over TLV)

Respiratory Protection: Use NIOSH/MSHA/OSHA approved respirator if dust is present.

Eye Protection: Optional, but recommended

Protective Gloves: Optional, but recommended

Other Protective Clothing/Equipment: Optional, but recommended

Ventilation Requirements: Local exhaust required for dust removal; refer to OSHA 1910.24, ASTM, and/or ANSI Standards.

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? No	RCRA Number: N/A	CERCLA (Superfund) Reportable Quantity: N/A	
DOT Regulated: No	DOT Proper Ship. Name N/A	DOT Hazard Class: N/A	DOT Number: N/A

IX. SPECIAL PRECAUTIONS

Special Precautions For Handling And Storage: Do not breathe dust; avoid creating dust in closed areas. Use adequate ventilation as recommended by NIOSH/MSHA/OSHA for crystalline silica

Other Precautions:
None

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, the manufacturer makes no warranty with respect thereto, and disclaims all liability from reliance thereon. This data relates only to the specific material(s) designated herein, and does not relate to use in combination with any other material(s) or in any process. Any use of this data and information must be determined by the user to be in accordance with Federal, State, and local laws and regulations.

N/A = Not Applicable