



# Factor II, Incorporated

P.O. Box 1339  
Lakeside, AZ 85929

Phone:(928) 537-8387  
Fax: (928) 537-0893

## SAFETY DATA SHEET

J-603

### SPECIAL FORMULA ALGINATE

In Case of Emergency Contact 928-537-8387 Factor II, Inc.

Factor II Technology urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology, and fire prevention, as necessary or appropriate to the use and understanding of the data contained in this SDS.

To promote safe handling each customer or recipient should: (1) notify and furnish its employees, agents, contractors, customers, and others whom it knows or believes will use this material of the information regarding hazards or safety, (2) request its customers to notify their employees, customers and other users of the product of this information.

#### PHYSICAL DATA and CHEMICAL CHARACTERISTICS

BOILING POINT; N/A/A  
SPECIFIC GRAVITY 0.32  
VAPOR PRESSURE N/A  
VAPOR DENSITY (Air = 1): N/A essentially non-volatile  
WATER SOLUBILITY: Insoluble (becomes solid)  
EVAPORATION RATE (N/A)  
APPEARANCE AND ODOR: Fine, white powder  
COMPATIBILITY: (materials to avoid) Strong Oxidizers

#### HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS NUM	OSHA/PEL	ACGHI/TLV
Potassium Fluotitanate	16919-27-0	2.5 mg/m <sup>3</sup> os fluoride	same 4.0%
Crystalline Silica	14464-46-1	1/2 (10ms/M3)	<36.0%
Quartz	14505-60-7		<0.02%

#### FIRE AND EXPLOSION INFORMATION

- A. Flash Point N/A
- B. Flammable Limits N/A.
- C. Extinguishing Media: Use water, dry chemical, carbon dioxide
- D. Special Fire Fighting Procedures: None .
- E. Unusual Fire and Explosion Hazards: None

4. Inhalation: Remove to fresh air. Give oxygen or artificial respiration if not breathing. Get immediate medical attention.

- D. Occupational Exposure Limits: Because of the low health hazard, no exposure limits have been established.



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- E. Toxicity: Because of the low toxicity, specific toxicity data is unavailable.
- F. Medical Conditions Generally Aggravated by Exposure: Pre-existing eye disorders.



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## HEALTH HAZARD DATA

Route(s) of Entry:

Inhalation--Yes

Skin--No

Ingestion--Yes

**Acute exposure** may cause severe gastric pain, tissue damage or death by fluoride poisoning. Chronic exposure may cause irritation of throat and nose with possible silicosis, osteosclerosos and mottling of tooth enamel.

**Signs & Symptoms of Exposure:** Transitory upper respiratory irradiation due to inhalation of silica dust, acute exposure to fluoride by inhalation unlikely.

**Medical Conditions Aggravated by Exposure:** Pre existing upper respiratory and lung disease such as, but not limited to bronchitis, emphysema and asthma.

**Emergency First Air:** Remove to fresh air, drink water to clear throat and blow nose to evacuate dust for exposure by inhalation. For eye contact flush eyes with clear water for 15 min. See physician if irritation ;or redness persists.

## PRECAUTIONS FOR SAFE HANDLING AND USE

Steps should be taken in case material is released or spilled: Sweep up and put into closed container. A light sweeping oil may be helpful to avoid the generation of dust.

Waste disposal Method: Ordinary scavenger service for small quantities, as in compliance with federal, state and local statutes

Handle to avoid large generations of dust.

PROTECTIVE CLOTHING; Gloves optional

Eye Protection: recommended

*All information appearing herein is based upon data considered to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.*