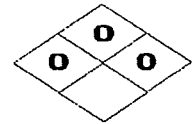


Health Hazard	1
Fire Hazard	0
Physical Hazard	0
Personal Protection	E

**HMIS RATING**

**MATERIAL SAFETY DATA SHEET  
(OSHA 29 CFR 1910.1200)**



**NFPA RATING**

Effective Date: December 28, 2009  
Supersedes: September 3, 2009

**SECTION I – PRODUCT INFORMATION**

- MANUFACTURER'S NAME AND ADDRESS:**  
United States Mineral Products Company  
dba Isolatek International/CAFCO Industries  
41 Furnace Street  
Stanhope, NJ 07874  
973-347-1200
- EMERGENCY TELEPHONE NUMBER:**  
CHEMTREC 703-527-3887
- CHEMICAL NAME AND SYNONYMS**  
Spray-Applied Fire Resistive Materials (SFRMs)
- CHEMICAL FAMILY:**  
Silicates, Calcium Sulfates and Aluminates
- FORMULA:**  
Inorganic Aggregates and Binders
- TRADE NAME AND SYNONYMS:**  
**CAFCO® 400**

**SECTION II – HAZARDOUS INGREDIENTS and MAJOR COMPONENT INFORMATION**

INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV-TWA	MAX. % By WT.
Portland Cement	65997-15-1	Total Dust: 10 mg/m <sup>3</sup> -TWA Respirable Dust: 5mg/m <sup>3</sup> -TWA	10 mg/m <sup>3</sup>	60
Nuisance Particulates	N/A	Total Dust: 15 mg/m <sup>3</sup> Respirable Fraction: 5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> 3 mg/m <sup>3</sup>	N/A

**SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS**

- Boiling Point (°F): N/A
- Vapor Pressure (mm Hg): N/A
- Vapor Density (Air=1): N/A
- Solubility in Water: Negligible
- Specific Gravity (H<sub>2</sub>O=1): >1
- Melting Point (°F): >1800
- Evaporation Rate: N/A
- Appearance and Odor: White to tan, low odor.
- Physical State: Solid

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

- Flash Point (Method used): N/A
- Flammable Limits: Noncombustible
- Extinguishing Media: N/A
- Special Fire Fighting Procedures: N/A
- Unusual Fire and Explosion Hazards: None

**SECTION V - REACTIVITY DATA**

- Stability: Stable  
Conditions to Avoid: Contact with strong acids
- Incompatibility (Material to Avoid): Strong acids
- Hazardous Decomposition Products: CO, CO<sub>2</sub>
- Hazardous Polymerization: Will not occur  
Conditions to Avoid: N/A

N/E - NOT ESTABLISHED  
N/A = NOT APPLICABLE

## SECTION VI – HEALTH HAZARD DATA

Primary Routes of Entry: Inhalation, Skin and Eye Contact, Ingestion.

Chronic: Inhalation over long periods of high amounts of any nuisance dust may overload lung clearance mechanisms and may make the lungs more vulnerable to disease.

Carcinogenicity: NTP - NO IARC - NO OSHA - NO

Medical Conditions Aggravated by Exposure: Any condition which may be aggravated by mechanical irritants.

Emergency and First Aid Procedures:

Eye Contact: \*Flush with water.  
Skin Contact: \*Wash with water. Launder clothing separate from other garments.  
Inhalation: \*Remove to fresh air.  
Ingestion: Do not induce vomiting. Seek immediate medical attention.

\*If irritation persists, seek medical attention.

**USE NORMAL PERSONAL HYGIENE AFTER CONTACT TO REMOVE ANY MATERIAL CONTAMINANTS.**

### California Proposition 65

Warning: This product contains substances known to the State of California to cause cancer, birth defects, or other reproductive harm.

Chemical Name: Silica, crystalline CAS # 14808-60-7

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

- Steps to be taken in case material is released or spilled:  
Sweep up and place in disposal containers. Avoid inhalation of dust.
- Waste Disposal Method: Land Fill - In accordance with local, state, and federal regulations.
- Precautions to be taken in handling and storing:  
Avoid inhalation of dust during use. Avoid skin and eye contact. Use normal personal hygiene to remove material contaminants.

## SECTION VIII – CONTROL MEASURES

- Respiratory Protection: Use NIOSH approved dust mask or equivalent for nuisance dust.
- Ventilation: Sufficient to maintain dust levels below TLV.
- Protective Gloves: Wear cloth gloves.
- Eye Protection: Wear proper eye protection.
- Other Protective Equipment: Wear Loose fitting long sleeve shirt and pants.

## SECTION IX – PREPARATION INFORMATION

Prepared By: Research Department, U.S.A.  
Telephone: (973) 347-1200  
Effective Date: December 28, 2009

Supersedes: September 3, 2009

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