

Health Hazard	1
Fire Hazard	0
Reactivity	0
Personal Protection	0

HMIS RATING

# MATERIAL SAFETY DATA SHEET (OSHA 29 CFR 1910.1200)



Effective Date: August 21, 2001  
Supersedes: October 11, 1999

## SECTION I – PRODUCT INFORMATION

- MANUFACTURER'S NAME AND ADDRESS:  
United States Mineral Products Company  
dba Isolatak International/CAFCO INDUSTRIES  
41 Furnace Street  
Stanhope, NJ 07874
- EMERGENCY TELEPHONE NUMBER:  
973-347-1200
- CHEMICAL NAME AND SYNONYMS  
Spray-Applied Fire Resistive Materials (SFRMs).
- CHEMICAL FAMILY:  
Silicates, Calcium Sulfates and Aluminates
- FORMULA:  
Inorganic Aggregate and Binders
- TRADE NAMES AND SYNONYMS:  
**CAFCO® 300**  
**CAFCO® 300 N**  
**CAFCO® 300 SB**  
**CAFCO® 300 ES**

## SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV-TWA
Powdered Binders & Fillers	N/Ap	Total Dust: 15mg/m <sup>3</sup>	10mg/m <sup>3</sup>
Nuisance Particulates		Respirable fraction: 5/mg/m <sup>3</sup>	3mg/m <sup>3</sup>

## SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

- Boiling Point (°F): N/Ap
- Vapor Pressure (mm Hg): N/Ap
- Vapor Density (Air=1): N/Ap
- Solubility in Water: Negligible
- Specific Gravity (H<sub>2</sub>O=1): >1
- Melting Point (°F): >1800
- Evaporation Rate: N/Ap
- Appearance and Odor: CAFCO 300 is white to tan , CAFCO 300SB is green, CAFCO 300 ES is light brick, low odor.
- Physical State: Solid

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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

## SECTION V – REACTIVITY DATA

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

NE = Not Established  
N/Ap = Not Applicable

**SECTION VI - HEALTH HAZARD DATA**

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

Acute: Nuisance particulates may cause transitory skin irritation (itching) and possible irritation of eyes and upper respiratory tract.

Chronic: Inhalation over long periods of high amounts of any 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.

\*If irritation persists, seek medical attention.

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

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

1. Steps to be taken in case material is released or spilled:  
Sweep up and place in disposal containers. Avoid inhalation of dust.
2. Waste Disposal Method: Land Fill - In accordance with local, state, and federal regulations.
3. 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**

1. Respiratory Protection: Use NIOSH approved dust mask or equivalent for nuisance dust.
2. Ventilation: Sufficient to maintain dust levels below TLV.
3. Protective Gloves: Wear cloth gloves.
4. Eye Protection: Wear proper eye protection.
5. 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

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