

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

HMIS RATING

MATERIAL SAFETY DATA SHEET (OSHA 29 CFR 1910.1200)



Effective Date: December 1, 2008

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SECTION I – PRODUCT INFORMATION

1. MANUFACTURER'S NAME AND ADDRESS:
 United States Mineral Products Company
 dba Isolatek International/CAFCO Industries
 41 Furnace Street
 Stanhope, NJ 07874
2. TELEPHONE NUMBER:
 973-347-1200
3. EMERGENCY TELEPHONE NUMBER:
 CHEMTREC: 800-424-9300
4. CHEMICAL NAME AND SYNONYMS
 Spray-Applied Thermal Barrier
5. CHEMICAL FAMILY:
 Silicates, Calcium Sulfates and Aluminates
6. FORMULA:
 Inorganic Aggregates and Binders
7. TRADE NAME AND SYNONYMS:
CAFCO - TB 415™

SECTION II – HAZARDOUS INGREDIENTS and MAJOR COMPONENT INFORMATION

INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV-TWA	MAX. % By WT.
Glass Fiber	65997-17-3	N/A	0.5f/ml	8
Portland Cement	65997-15-1	Total Dust: 10 mg/m ³ -TWA Respirable Dust: 5mg/m ³ -TWA	10 mg/m ³	70
Nuisance Particulates	N/A	Total Dust: 15 mg/m ³ Respirable Fraction: 5 mg/m ³	10 mg/m ³ 3 mg/m ³	N/A

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

- | | | |
|----|--|-------------------------|
| 1. | Boiling Point (°F): | N/A |
| 2. | Vapor Pressure (mm Hg): | N/A |
| 3. | Vapor Density (Air=1): | N/A |
| 4. | Solubility in Water: | Negligible |
| 5. | Specific Gravity (H ₂ O=1): | >1 |
| 6. | Melting Point (°F): | >1800 |
| 7. | Evaporation Rate: | N/A |
| 8. | Appearance and Odor: | White to tan, low odor. |
| 9. | Physical State: | Solid |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

- | | | |
|----|-------------------------------------|----------------|
| 1. | Flash Point (Method used): | N/A |
| 2. | Flammable Limits: | Noncombustible |
| 3. | Extinguishing Media: | N/A |
| 4. | Special Fire Fighting Procedures: | N/A |
| 5. | Unusual Fire and Explosion Hazards: | None |

SECTION V - REACTIVITY DATA

- | | | |
|----|--------------------------------------|---------------------------|
| 1. | Stability: | Stable |
| | Conditions to Avoid: | Contact with strong acids |
| 2. | Incompatibility (Material to Avoid): | Strong acids |
| 3. | Hazardous Decomposition Products: | CO, CO ₂ |
| 4. | 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.

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.

*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

- 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 such as 3M 8511 N-95 or equivalent.
- 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 1, 2008

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