

Health Hazard	①
Fire Hazard	①
Reactivity	①
Personal Protection	②

HMIS RATING

# MATERIAL SAFETY DATA SHEET (OSHA 29 CFR 1910.1200)



NFPA RATING

Effective Date: January 25, 2008  
Supersedes: February 3, 2005

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## SECTION I – PRODUCT INFORMATION

1. MANUFACTURER'S NAME AND ADDRESS:  
United States Mineral Products Company  
dba Isolatek International/CAFECO INDUSTRIES  
41 Furnace Street  
Stanhope, NJ 07874
2. EMERGENCY TELEPHONE NUMBER:  
973-347-1200
3. CHEMICAL NAME AND SYNONYMS  
Spray Thermal/Acoustical Material.
4. CHEMICAL FAMILY:  
Silicates
5. FORMULA:  
Slag Wool and Inorganic Binders
6. TRADE NAMES AND SYNONYMS:  
**CAFECO® HEAT-SHIELD®**

## SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV-TWA
Slag Wool	65997-17-3	NE	1 fiber /cc
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

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

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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

## SECTION V - REACTIVITY DATA

1. Stability: Stable  
Conditions to Avoid: Contact with strong acids
2. Incompatibility (Materials to Avoid): Strong Acids
3. Hazardous Decomposition Products: CO, CO<sub>2</sub>
4. 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: Slag wool and other nuisance particulates may cause transitory skin irritation (itching) and possible irritation of eyes and upper respiratory tract.

Carcinogenicity: NTP - NO OSHA – NO IARC – 3 (Not classifiable as to human carcinogenicity)

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 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

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