

Health Hazard	①
Fire Hazard	①
Reactivity	①
Personal Protection	⑧

HMIS RATING

MATERIAL SAFETY DATA SHEET (OSHA 29 CFR 1910.1200)



Effective Date: OCTOBER 15, 2008
Supersedes: ALL PREVIOUSLY ISSUED

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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. **EMERGENCY TELEPHONE NUMBER:**
973-347-1200
3. **CHEMICAL NAME AND SYNONYMS**
Water-based Intumescent Coating
4. **CHEMICAL FAMILY:**
Polyvinyl Acetate Resin and Fillers
5. **FORMULA:**
N / A
6. **TRADE NAMES AND SYNONYMS:**
CAFCO SprayFilm® - WB 4/WB 4 TG

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

INGREDIENT	WT. %	CAS NUMBER	OSHA PEL	ACGIH TLV-TWA
Ethylene Glycol n-Butyl Ether	0-5%	111-76-2	50 ppm - TWA	20 ppm

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

- | | |
|---|------------------------------|
| 1. Boiling Point (°F): | 210 - 215 |
| 2. Weight % Solids | 72 |
| 3. Vapor Density (Air=1): | < 1 |
| 4. VOC: | < 0.1 lb./gal. |
| 5. Specific Gravity (H ₂ O=1): | 1.36 ± 0.02 |
| 6. Melting Point (°F): | N/A |
| 7. Evaporation Rate: | Faster than N-Butyl acetate. |
| 8. Appearance and Odor: | White liquid, mild odor. |
| 9. Physical State: | Liquid |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

- | | |
|--|---|
| 1. Flash Point (Method used): | >200 °F (Setaflash closed cup) |
| 2. Flammable Limits: | N/A |
| 3. Extinguishing Media: | Water, CO ₂ , foam, dry chemical. |
| 4. Special Fire Fighting Procedures: | Wear positive pressure self-contained NIOSH approved breathing equipment. |
| 5. Unusual Fire and Explosion Hazards: | None. |

SECTION V - REACTIVITY DATA

- | | |
|---|---|
| 1. Stability: | Stable |
| 2. Incompatibility (Material to Avoid): | Strong oxidizing agents. |
| 3. Hazardous Decomposition Products: | CO, CO ₂ , NO _x , ammonia, oxides of phosphorous. |
| 4. Hazardous Polymerization: | Will not occur. |
| 5. Conditions to Avoid: | Mixture with or exposure to incompatible materials. |

N/A = NOT APPLICABLE

SECTION VI - HEALTH HAZARD DATA

Health Hazards (Acute and Chronic): Liquid contact with eyes or skin may cause irritation.

Carcinogenicity: NTP - No IARC - No OSHA - No

Medical Conditions Aggravated by Exposure: May promote asthmatic response in persons with asthma who are sensitive to airway irritants.

Emergency and First Aid Procedures:

Eye Contact: *Flush with water for 15 minutes. Seek medical attention.
Skin Contact: *Wash affected area with soap and water. Remove contaminated clothing.
Inhalation: *Remove to fresh air.
Ingestion: *Drink one or two glasses of water, to dilute. Do not induce vomiting. Consult a physician or poison control center at once.

*Seek medical attention for all cases of over-exposure.

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:
Ventilate area. Spill area will be slippery. Contain spill. Recover as much as possible for reuse. Spread commercial absorbent over remainder and place into sealed containers for disposal.
- Waste disposal method:
Dispose in accordance with local, state, and federal regulations. Most states prohibit disposal of liquids in landfills.
- Precautions to be taken in handling and storing:
Avoid extreme heat and cold. Do not freeze.

SECTION VIII - CONTROL MEASURES

- Respiratory Protection: Usually not required. However, for confined areas or areas with poor ventilation, use an organic vapors cartridge type respirator.
- Ventilation: Mechanically exhaust vapors at point (s) of application. If applicable, maintain airborne contaminant levels of chemicals below their recommended TLV's. (See Section II).
- Protective Gloves: Impervious
- Eye Protection: Splash goggles
- Other Protective Equipment: N/A

SECTION XI - PREPARATION INFORMATION

Prepared By: Research Department, U.S.A.

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