

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

HMIS RATING

# MATERIAL SAFETY DATA SHEET (OSHA 29 CFR 1910.1200)



Effective Date: May 10, 2005  
Supersedes: November 4, 2002

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## 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
- EMERGENCY TELEPHONE NUMBER:  
973-347-1200
- CHEMICAL NAME AND SYNONYMS  
Water Based Adhesive
- CHEMICAL FAMILY:  
VA/NBA Copolymer Latex
- FORMULA:  
[C<sub>4</sub> H<sub>6</sub> O<sub>2</sub>]<sub>n</sub>
- TRADE NAMES AND SYNONYMS:  
**CAFCO® HEAT-SHIELD® Adhesive**

## SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

This product contains proprietary ingredients.

## SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

- |    |  |  |
|----|--|--|
| 1. | Boiling Point (°F):                    | 212                                    |
| 2. | Vapor Density (Air=1):                 | <1                                     |
| 3. | Solubility in Water:                   | Miscible                               |
| 4. | Specific Gravity (H <sub>2</sub> O=1): | 1.1                                    |
| 5. | Vapor Pressure (mm Hg):                | N/E                                    |
| 6. | Evaporation Rate:                      | 1                                      |
| 7. | Appearance and Odor:                   | Milky white fluid, slight acetic odor. |
| 8. | Physical State:                        | Liquid                                 |
| 9. | Percent Solid by Weight (%)            | 52                                     |

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

- |    |                                     |  |
|----|-------------------------------------|--|
| 1. | Flash Point (Method used):          | >200°F (TCC)   |
| 2. | Flammable Limits:                   | N/Ap   |
| 3. | Extinguishing Media:                | Water or CO <sub>2</sub> , when dried polymer is burning.  |
| 4. | Special Fire Fighting Procedures:   | When dried polymer is burning, wear self-contained breathing apparatus for protection from smoke and organic vapors. |
| 5. | Unusual Fire and Explosion Hazards: | None   |

## SECTION V – REACTIVITY DATA

- |    |                                       |                            |
|----|---------------------------------------|----------------------------|
| 1. | Stability:                            | Stable                     |
|    | Conditions to Avoid:                  | N/Ap                       |
| 2. | Incompatibility (Materials to Avoid): | Water sensitive materials. |
| 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: May cause skin or eye irritation. Inhalation may cause dizziness and irritation to nose, throat and lungs

Chronic: None known.

Carcinogenicity: NTP - NO IARC - NO OSHA - NO

Medical Conditions Aggravated by Exposure: None known.

Emergency and First Aid Procedures:

Eye Contact: \*Flush with water.  
Skin Contact: \*Wash with soap and 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:  
Dam up to prevent spreading. Mop up or absorb on inert material and place in container.
- Waste Disposal Method: In accordance with local, state, and federal regulations.
- Precautions to be taken in handling and storing:  
Avoid extreme temperatures – do not allow to freeze. Avoid excess skin and eye contact.

## SECTION VIII - CONTROL MEASURES

- Respiratory Protection: Wear spray paint respirator while spraying.
- Ventilation: Sufficient to allow proper curing of material.
- Protective Gloves: Wear plastic or rubber gloves to prevent skin contact.
- Eye Protection: Wear splash goggles.
- Other Protective Equipment: Wear loose fitting long sleeve shirt and pants to prevent skin contact.
- Other Precautions: Mix or dilute with water only.

## SECTION IX- PREPARATION INFORMATION

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

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