

Health Hazard	①
Fire Hazard	①
Physical Hazard	①
Personal Protection	②

**HMIS RATING**

**MATERIAL SAFETY DATA SHEET  
(OSHA 29 CFR 1910.1200)**



Effective Date: September 3, 2009  
Supersedes: June 11, 2009

Page 1 of 2

**SECTION I – PRODUCT INFORMATION**

- MANUFACTURER'S NAME AND ADDRESS:**  
United States Mineral Products Company  
dba Isolatek International/CAFECO INDUSTRIES  
41 Furnace Street  
Stanhope, NJ 07874
- EMERGENCY TELEPHONE NUMBER:**  
973-347-1200
- CHEMICAL NAME AND SYNONYMS**  
Vinyl Acetate Emulsion
- CHEMICAL FAMILY:**  
Polyvinyl Acetate Emulsion
- FORMULA:**  
 $[C_4 H_6 O_2]_n$
- TRADE NAMES AND SYNONYMS:**  
CAFECO® BOND-SEAL  
CAFECO® BOND-SEAL Type X

**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): | 1.09   |
| 5. | VOC:                                   | None   |
| 6. | Evaporation Rate:                      | 1  |
| 7. | Appearance and Odor:                   | Milky white fluid (BOND-SEAL Type X is green), slight acetic odor. |
| 8. | Physical State:                        | Liquid   |
| 9. | Percent Solid by Weight (%)            | 50   |

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

- |    |                                     |  |
|----|-------------------------------------|--|
| 1. | Flash Point:                        | >200°F   |
| 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: May provoke asthmatic response in persons with asthma who are sensitive to airway 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.**

### California Proposition 65

This product **does not contain** substances known to the State of California to cause cancer, birth defects, or other reproductive harm.

## 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: Usually not required. However, for confined areas or areas with poor ventilation, use NIOSH approved dust mask or equivalent.
- Ventilation: Sufficient to allow proper curing.
- 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.

## SECTION IX- PREPARATION INFORMATION

Prepared By: Research Department, U.S.A.  
Telephone: (973) 347-1200  
Effective Date: September 3, 2009

Supersedes: June 11, 2009

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. **VENDOR SPECIFICALLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** In no event shall the vendor be liable for special, indirect or consequential damages.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in this data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes all risks in his use of the material.