



HMIS CODES:
0 = NONE 4 = EXTREME
HEALTH: 1
FIRE: 0
REACTIVITY: 0

MATERIAL SAFETY DATA SHEET

PERSONAL PROTECTION: B

SECTION I – CHEMICAL PRODUCT / COMPANY INFORMATION

Product Name: CAFCO® BOND-SEAL
CAFCO® BOND-SEAL TYPE X
ISOLATEK® TYPE EBS or TYPE X

Effective Date: August 6, 2012

Supersedes: 9/3/09, 7/27/09

Manufacturer: United States Mineral Products Company
dba Isolatek International
41 Furnace Street
Stanhope, NJ 07874 USA
973-347-1200

Preparer: R&D Department

**CHEMTREC Transportation
Emergency Phone #:** 800-424-9300 / 703-527-3887 (Intl.)

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
Acetic Acid Ethenyl Polymer W/ Ethenol	25213-24-5	N/A	1.0 to 5.0

SARA 313: No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present.

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

1. Boiling Point (°F):	>212
2. Vapor Density (Air=1):	Lighter than air
3. Solubility in Water:	Miscible
4. Specific Gravity (H ₂ O=1):	1.09
5. VOC:	0
6. Evaporation Rate:	Faster than n-butyl acetate
7. Appearance and Odor:	White liquid (BOND-SEAL Type X is green), mild odor.
8. Physical State:	Liquid
9. Percent Solid by Weight (%)	50

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

OSHA FLAMMABILITY CLASS: Not regulated, Class III B

1. Flash Point:	>200°F Method Used: No data
2. Flammable Limits In Air by Volume:	Lower (LEL): No Data Upper (UEL): No Data
3. Extinguishing Media:	Water, Foam, Carbon Dioxide or Dry Chemical
4. Special Fire Fighting Procedures:	Wear positive pressure self-contained NOISH approved breathing equipment
5. Unusual Fire and Explosion Hazards:	Sealed pails may rupture. Keep cool with water.

SECTION V - REACTIVITY DATA

1. Stability:	Stable
2. Conditions to Avoid:	Mixture with or exposure to incompatible materials (see below)
3. Incompatibility (Materials to Avoid):	Strong oxidizing agents
4. Hazardous Decomposition by Products:	CO, CO ₂
5. Hazardous Polymerization:	Will not occur

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

Emergency and First Aid Procedures:

Eye Contact: Flush eyes with clean water for at least 15 minutes. If irritation persists, seek medical attention.
Skin Contact: Wash affected area with soap and water for at least 15 minutes. If irritation persists, seek medical attention.
Inhalation: If adverse effects occur, remove to fresh air. If irritation persists, seek medical attention.
Ingestion: If swallowed, do not induce vomiting. If irritation persists, seek medical attention.

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

1. Steps to be taken in case material is released or spilled:
Ventilate area. Spill area will be slippery. Contain spill. Mop up or absorb on inert material and place in container.
2. Waste Disposal Method: In accordance with local, state, and federal regulations.
3. Precautions to be taken in handling and storing:
Avoid extreme temperatures – do not allow to freeze. Avoid excess skin and eye contact.

SECTION VIII – PERSONAL PROTECTION RECOMMENDATIONS

1. Respiratory Protection: A dust mask should be used in cases where individuals are exposed to airborne mists of the material.
2. Ventilation: Provide ventilation to ensure compliance with applicable exposure limits.
3. Glove Recommendations: Wear cloth, rubber or latex type gloves.
4. Eyes/Face: Wear splash resistant safety goggles.
5. Protective Clothing: Wear typical long sleeve work clothing or a "TYVEK[®]" type suit.

SECTION IX- PREPARATION INFORMATION

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

Telephone: (973) 347-1200

Effective Date: 8/6/12

Supersedes: 9/3/09, 7/27/09

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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.