

# MATERIAL SAFETY DATA SHEET

Date: July 1, 2004

## SECTION I - GENERAL INFORMATION

**MANUFACTURER'S NAME:** Empire Blended Products, Inc.  
**MANUFACTURER'S ADDRESS:** 250 Hickory Lane  
Bayville, New Jersey 08721  
**EMERGENCY PHONE NUMBER:** (732) 269-4949

**PRODUCT NAME:** EM-BOND C  
**TRADE NAME AND SYNONYMS:** Empire Blended Em-Bond C  
**CHEMICAL NAME:** Polyvinylacetate polymer  
**CHEMICAL FAMILY:** Polyvinylacetate polymer  
**FORMULA:** NA

## SECTION II - HAZARDOUS INGREDIENTS

<u>COMPONENT</u>	<u>CAS #</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
None				

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

**BOILING POINT:** 212°F  
**MELTING POINT:** NA  
**VAPOR PRESSURE:** NA  
**VAPOR DENSITY:** NA  
**SOLUBILITY IN WATER:** Miscible  
**SPECIFIC GRAVITY:** Approx. 1.0  
**PERCENT VOLATILE BY VOLUME:** NA  
**EVAPORATION RATE:** NA  
**APPEARANCE AND ODOR:** White milky liquid, slight vinegar odor

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (METHOD USED):** Aqueous system  
**FLAMMABLE LIMITS:** NA      **LEL:**      **UEL:**  
**EXTINGUISHING MEDIA:** Aqueous product. For fire involving dried material use water, carbon dioxide, dry chemicals of foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** None

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

---

**SECTION V - REACTIVITY DATA**


---

**STABILITY:**                    **UNSTABLE:**                    **STABLE:** X  
**CONDITIONS TO AVOID:** NA

**INCOMPATIBILITY (MATERIALS TO AVOID):** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** None

**HAZARDOUS POLYMERIZATION:** **MAY OCCUR:**                    **WILL NOT OCCUR:** X  
**CONDITIONS TO AVOID:** None

---

**SECTION VI - HEALTH HAZARD DATA**


---

**PRIMARY ROUTES OF ENTRY:** **INHALATION:** X                    **INGESTION:**  
**SKIN ABSORPTION:**                    **NON HAZARDOUS:**

**CARCINOGENICITY:**                    **NTP:**                    **OSHA:**  
**IARC MONOGRAPH:**                    **NOT LISTED:** X

**HEALTH HAZARDS:**                    **ACUTE:** May cause skin irritation. Direct contact may be irritating to the eyes.

**CHRONIC:** May cause skin irritation.

**SIGNS AND SYMPTOMS OF EXPOSURE:** Eyes - tearing, stinging and redness. Coughing, soreness in respiratory tract, chest tightness or difficulty breathing.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Persons with pre-existing lung disorders or skin disorders may be more susceptible to irritating effects.

**EMERGENCY FIRST AID PROCEDURES:**

**EYE CONTACT:** Immediately flush with large quantities of water for at least 15 minutes, while holding eyelids open. DO NOT attempt to neutralize with chemical agents. Contact a physician immediately.

**SKIN CONTACT:** Remove contaminated clothing and flush area with large quantities of water for at least 15 minutes. DO NOT attempt to neutralize with chemical agents. Contact a physician if irritation develops.

**INHALATION:** Remove to fresh air. Support breathing as needed. Contact a physician.

**INGESTION:** Give several glasses of water for dilution effect. DO NOT induce vomiting.

---

**SECTION VII - CONTROL AND PROTECTIVE MEASURES**


---

**RESPIRATORY PROTECTION (SPECIFIC TYPE):** NIOSH approved respirator

**PROTECTIVE GLOVES:** Impervious gloves

**EYE PROTECTION:** Safety goggles

**VENTILATION TO BE USED:**

**LOCAL EXHAUST:** X

**MECHANICAL:** X

**SPECIAL:**

**OTHER:**

**OTHER PROTECTIVE CLOTHING AND EQUIPMENT:** Impervious clothing to protect skin contact.

**HYGIENIC WORK PRACTICES:** Wash thoroughly after handling.

---

### SECTION VIII - PRECAUTION FOR SAFE HANDLING AND USE/LEAK PROCEDURES

---

**STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:** Ventilate area. Contain and absorb liquid spills using a barrier of inert material. Scoop or shovel absorbed material into containers.

**WASTE DISPOSAL METHOD:** Dispose of material in accordance with local, state or federal regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry and well ventilated area. Keep containers closed.

**OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS:** None