

Key Bond™

Acrylic Polymer Type Admixture and Bonding Agent for Portland Cement Based Products. Non-wettable type.



Material Safety Data Sheet

PRODUCT: Key Bond™ (Page 1 of 2)

1. IDENTIFICATION OF SUBSTANCE

- **Product details**
- **Trade name:** Key Bond™
- **Manufacturer/Supplier:** Contract Packaging, Inc., 22 N. Dollins Ave, Orlando, FL 32805
Tel. (407) 246-7797, Fax. (407) 481-2261, www.koverkrete.com

Emergency Telephone Number: Use only in the event of an emergency involving a spill, leak, fire, exposure, or accident involving chemicals. Within the U.S., Canada, or the U.S. Virgin Islands, call ChemTrec at (800) 424-9300, 24 hours a day. Or, outside these areas, call (703) 527-3887. Collect calls are accepted.

- **Information department:** Environmental, Health, and Safety department.

2. HAZARDOUS INGREDIENTS

- **Hazardous components:**

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>Contents%</u>
CAS# 57-55-6 Propylene Glycol	None	N/E	R & H	175 PPM
Fulatex Polymer (resin emulsion in water)	Non Haz			
Urethane Polymer	Non Haz.			
Bicyclic Oxazidines	None			
- **General Information:** To the best of our knowledge the information contained herein is correct. Contract Packaging, Inc. assumes no responsibility for accuracy or completeness. User is responsible for suitability.
- **FOR INDUSTRIAL USE ONLY**
- **HMIS RATING:** Health-1 Flammability-0 Reactivity-0 Protection-B

3. PHYSICAL/CHEMICAL CHARACTERISTICS

- **Boiling Point:** 200°F **Specific Gravity (H₂O=1)** 1.0-1.2
- **Vapor Pressure (mm Hg)** 92 **Melting Point** N/A
- **Vapor Density (Air=1)** 1 **Evaporation Rate (Butyl Acetate=1)** < 1
- **Solubility in Water:** **Flashpoint**
- **Appearance & Odor:**

4. FIRE AND EXPLOSION HAZARD DATA

- **Flash Point (Method Used)** Nonflammable in liquid state
- **Flammable Limits:** None **LEL:** None **UEL:** None
- **Extinguishing Media:** Water spray, foam dry chemical or Carbon Dioxide on dried product.
- **Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and full protective equipment. Burning of dried film is similar to wood, it may produce dense, black smoke.
- **Unusual Fire and Explosion Hazards:** There is a possibility of pressure buildup in closed containers when heated. Use water spray to cool containers

5. REACTIVITY DATA

- **Stability:** Stable
- **Conditions to Avoid:** Protect from freezing. Store material at temperatures between 40°F and 90°F
- **Incompatibility (Materials to Avoid):** None
- **Hazardous Decomposition or Byproducts:** Incomplete combustion can yield low molecular weight hydrocarbons
- **Hazardous Polymerization:** Will not occur
- **Conditions to Avoid:** None

6. HEALTH HAZARD DATA

- **Route(s) of Entry:** **Eyes-** Irritant; **Inhalation-** Mild Irritant;
Skin- Mild **Ingestion:** Do Not Ingest
- **Health Hazard (Acute and Chronic):** This product contains trace amounts (less than 0.1%) of Formaldehyde. Formaldehyde has been identified as an animal *Carcinogen. Over-exposure to Formaldehyde should not occur with normal handling and use.
- **Carcinogenicity:** See Above*
- **NTP:** None

- **IAARC Monographs:** None
- **OSHA Regulated:** None
- **Signs & Symptoms of Exposure:** Direct and repeated eye and skin contact may cause mild irritation. Exposure to vapors in poorly ventilated areas may cause irritation to the nose, throat and eyes.
- **Medical Conditions Generally Aggravated by Exposure:** No known effect on other illnesses.
- **Emergency & First Aid Procedures:**
 - Eyes: Flush with water for at least 15 minutes.
 - Skin: Wash well with soap and water.
 - Inhalation: Remove to fresh air.
 - Ingestion: If victim is conscious give at least 2 glasses of water and call a physician immediately. For any excessive irritation seek medical advice.

7. PRE-CAUTION FOR SAFE HANDING AND USE

- **Steps to taken in case material is released or spilled:** Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep out of sewers, watershed or water systems. Spills may cause slippery surfaces. Keep spectators away.
- **Waste Disposal Method:** Solidify and dispose of in an approved industrial landfill according to all federal, state and local regulations.
- **Precautions to be taken in handling and storage:** In storage, monomer vapors will migrate from the emulsion and establish equilibrium between the head-space in the storage container and the liquid emulsion. All procedures appropriate for a confined space entry should be completed prior to any work in bulk storage.
- **Other Pre-cautions:** Keep from freezing. Dried material is hard to remove. Material may develop bacterial odor on long-term storage.

8. CONTROL MEASURES

- **Respiratory Protection (Type):** Not normally required
- **Ventilation:**
 - Local Exhaust:** Provide standard industrial ventilation.
 - Mechanical (General):** None
 - Special:** None
 - Other:** None
- **Protective Gloves:** For repeated use, use rubber gloves.
- **Eye Protection:** Safety glasses are recommended.
- **Other Protective Clothing or Equipment:** Protective clothing if preferred. Launder contaminated clothing before reuse. Eye bath.
- **Work Hygienic Practices:** Practice good housekeeping. Use good personal hygiene practices.

9. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product feature and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** Environmental, Health and Safety department
- **Contact:** Daniel L. Huckabee