

PRODUCT NAME: FP100A  
DESCRIPTION: EPOXY CRACK FILLER

HMIS CODES:  
0 = NONE ... 4 = EXTREME  
HEALTH : 2  
FIRE : 1  
REACTIVITY: 0  
PERSONAL PROTECTION: B

## ===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: Key Polymer Corporation  
ADDRESS : 17 Shepard St.  
Lawrence, Ma. 01843

CHEMTREC EMERGENCY PHONE: (800) 424-9300      DATE PRINTED : 7/27/2004  
INFORMATION PHONE : (978) 683-9411      DATE LAST REVISED: 12/09/97

## ===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE MM HG @ TEMP	WEIGHT PERCENT
DIGLYCIDYL ETHER OF BISPHENOL A	25068-38-6	0.02	171°F 50 to 85
* METHYL ETHYL KETONE	78-93-3	70.9	68°F 1.0 to 5.0

OSHA PEL: TWA=200ppm; STEL=300ppm  
ACGIH TLV: TWA=200ppm; STEL=300ppm

SARA 313: \* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

## ===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

APPEARANCE AND ODOR: Gray Paste Solvent odor  
SOLIDS IN WEIGHT %: 98  
WEIGHT PER GALLON: 10. lb/gl      SPECIFIC GRAVITY (H2O=1): 1.201  
BOILING RANGE: >300°F  
EVAPORATION RATE: Slower than n-butyl acetate  
VAPOR DENSITY: Heavier than air      V.O.C.: 0.234 lb/gl

## ===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

OSHA FLAMMABILITY CLASS: Not regulated, Class IIIB  
FLASH POINT: >200°F      METHOD USED: TCC  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER (LEL): N/A      UPPER (UEL): N/A

EXTINGUISHING MEDIA: Foam, Carbon Dioxide or Dry Chemical

SPECIAL FIREFIGHTING PROCEDURES: Wear positive pressure self-contained NOISH approved breathing equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sealed container may rupture. Keep cool with water.

## ===== SECTION V - REACTIVITY DATA =====

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** Mixture with or exposure to incompatible materials (see below.) Elevated temperatures

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong oxidizing agents   Strong acids  
Strong bases

**HAZARDOUS DECOMPOSITION BYPRODUCTS:** Carbon monoxide   Carbon dioxide  
Aldehydes   Oxides of nitrogen   Aromatic hydrocarbons

=====**SECTION VI - HEALTH HAZARD DATA**=====

**HEALTH HAZARDS (ACUTE AND CHRONIC):** Liquid contact with eyes or skin may cause irritation. Vapors/mists may cause eye and respiratory irritation. Overexposure to liquid may cause sensitization, dermatitis and allergic skin reaction.

Methyl Ethyl Ketone vapors are harmful when inhaled. Low to medium concentrations are severely irritating to the eyes, nose, throat, lungs and mucous membranes. High concentrations of vapors will produce central nervous system depression and narcosis. Severe eye irritation can result from contact with liquid MEK. Ingestion can cause bronchitis and chemical pneumonia. Skin contact can result in irritation and dermatitis.

**EMERGENCY AND FIRST AID PROCEDURES:**

**INHALATION:** Remove to fresh air.

**EYE CONTACT:** Flush with water for 15 minutes with lids open. Seek medical attention.

**SKIN CONTACT:** Remove contaminated clothing. Wash affected area with soap and water.

**CARCINOGENICS:** N/A

**NTP CARCINOGEN:** N/A    **IARC MONOGRAPHS:** N/A    **OSHA REGULATED:**  
N/A

=====**SECTION VII - PROCEDURES FOR SAFE HANDLING AND USE; SPILLS; DISPOSAL**=====

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Containers of solvent containing products must be resealed and kept tightly closed when not in use. This will prevent solvent evaporation and skinning. Containers should be stored away from temperature extremes and direct sunlight. Store in a cool, dry place with adequate ventilation. Bond and ground containers when transferring liquid. Store and handle away from heat, flames and oxidizing materials.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Ventilate area. Spill area will be slippery. Contain spill. Recover as much as possible for reuse. Spread commercial absorbant over remainder and place into sealed

containers for disposal.

**WASTE DISPOSAL METHOD:** Dispose in accordance with local, state and federal regulations. Most states prohibit disposal of liquids in landfills.

**OTHER PRECAUTIONS:** As with all chemicals, good industrial hygiene and proper work habits should be observed.

===== SECTION VIII - PERSONAL PROTECTION RECOMMENDATIONS =====

**RESPIRATORY PROTECTION:** For confined areas or areas with poor ventilation, use a organic vapors cartridge type respirator.

**VENTILATION:** Mechanically exhaust vapors at point(s) of application. If applicable, maintain airborne contaminant levels of chemicals below their recommended TLV's. (See section II)

**PROTECTIVE GLOVES:** Impervious.

**EYE PROTECTION:** Splash Goggles.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** N/A

**WORK/HYGIENIC PRACTICES:** Wash thoroughly before eating or smoking.

===== SECTION IX - DISCLAIMER =====

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Since the use of this information, these opinions and the conditions of use of the product are not within the control of the Key Polymer Company, it is the user's obligation to determine the conditions of safe use of the product.