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[www.keypolymer.com](http://www.keypolymer.com)

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Revision Number 1

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Product identifier

**Product Name** KEY PC2082B

### Other means of identification

**Product Code(s)** PC2082B

**Product Technology** Potting base

None

FOR INDUSTRIAL USE ONLY. Potting base.

Restrictions on use: Do not use this product for any use other than intended

### Manufacturer Address

Key Polymer Corporation  
17 Shepard Street  
Lawrence, MA 01843, USA

**Company Phone Number** 978-683-9411 (8AM - 5PM EST) (M-F)

**Emergency Telephone** Chemtrec 1-800-424-9300 (24 Hours)

**Chemtrec International Phone** +1 703 527-3887

## 2. Hazards Identification

### Classification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS).

Acute toxicity - Oral	Category 4
Serious eye damage/eye irritation	Category 1

## Emergency Overview

**DANGER**

### Hazard statements

Harmful if swallowed

Causes serious eye damage



<b>Appearance</b> Water white to slight yellow	<b>Physical state</b> Liquid	<b>Odor</b> Mild
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**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Wear protective gloves, protective clothing, eye protection, face protection

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a POISON CENTER or doctor/physician  
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
 Rinse mouth

**Precautionary Statements - Storage**

Please see Product Information Bulletin (PIB) for shelf life and storage information.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant  
 Dispose of contents/container in accordance with local/regional/international regulations

**Hazards Not Otherwise Classified (HNOC)****Other Information**

May be harmful in contact with skin  
 92% of the mixture consists of ingredient(s) of unknown toxicity

**3. Composition/Information on Ingredients****Substance**

**Chemical Family** Potting base  
**Chemical nature** Polyol.

Chemical name	CAS No.	Weight-%	Trade secret
Polyurethane modifier	Proprietary	5 - 15	*

\* The exact percentage (concentration) of composition may have been withheld as a trade secret.

**4. First Aid Measures****Description of first aid measures**

**General advice** Use first aid treatment according to the nature of the injury. For further assistance, contact your local Poison Control Center. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**Eye contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/advice.

**Skin contact** Wash off immediately with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

**Inhalation** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. Immediate medical attention is required.

**Ingestion** Not an expected route of exposure. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. Never give anything by mouth to an

unconscious person.

**Self-protection of the first aider** First Aider: Pay attention to self-protection. Use personal protective equipment as required.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** N/A.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## 5. Fire-Fighting Measures

**Suitable Extinguishing Media**

Dry chemical, CO<sub>2</sub>, alcohol-resistant foam or water spray

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water ways. Dike for water control.

**Hazardous combustion products**

Irritating or toxic substances may be emitted upon burning, combustion or decomposition. See Section 10 Hazardous Decomposition Products for additional information.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ventilate affected area. Extremely slippery when spilled.

**Other Information** Use personal protective equipment as required.

**For Emergency Responders** Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information. Do not allow into any sewer, on the ground or into any body of water.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. Handling and Storage

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Store and handle away from heat, flames and oxidizing materials. Protect from moisture.
<b>Incompatible materials</b>	Strong oxidizing agents. Strong acids. Strong bases.

**8. Exposure Controls/Personal Protection****Control parameters**

<b>Exposure Limits</b>	The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here
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**Appropriate engineering controls**

<b>Engineering controls</b>	Showers Eyewash stations Ventilation systems
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**Individual protection measures, such as personal protective equipment**

<b>Eye/face protection</b>	Splash Goggles.
<b>Skin and body protection</b>	Wear protective gloves and protective clothing.
<b>Respiratory protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

**9. Physical and Chemical Properties****Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Water white to slight yellow	<b>Odor threshold</b>	N/A
<b>Color</b>	N/A		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	N/A		
<b>Melting point / freezing point</b>	0 °C		
<b>Boiling point / boiling range</b>	> 100		
<b>Flash point</b>	> 120 °C	CC (closed cup)	
<b>Evaporation rate</b>	N/A		
<b>Flammability (solid, gas)</b>	N/A		
<b>Flammability Limit in Air</b>			
<b>Upper flammability limit:</b>	N/A		
<b>Lower flammability limit:</b>	N/A		
<b>Vapor pressure</b>	N/A		
<b>Vapor density</b>	N/A		
<b>Relative density</b>	1.06		
<b>Water solubility</b>	Insoluble in water		
<b>Solubility in other solvents</b>	N/A		
<b>Partition coefficient</b>	N/A		
<b>Autoignition temperature</b>	N/A		

<b>Decomposition temperature</b>	N/A
<b>Kinematic viscosity</b>	N/A
<b>Dynamic viscosity</b>	N/A
<b>Explosive properties</b>	N/A
<b>Oxidizing properties</b>	N/A

**Other Information**

<b>Softening point</b>	N/A
<b>Molecular weight</b>	N/A
<b>VOC Content (%)</b>	N/A
<b>Liquid Density</b>	8.85 pounds/gallon
<b>Bulk density</b>	N/A

## 10. Stability and Reactivity

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

Hazardous polymerization does not occur.

**Hazardous polymerization**      None under normal processing.

**Conditions to avoid**

Keep out of reach of children. Extremes of temperature and direct sunlight. Mixture with or exposure to incompatible materials.

**Incompatible materials**

Strong oxidizing agents. Strong acids. Strong bases.

**Hazardous decomposition products**

Carbon monoxide. Carbon Dioxide (CO<sub>2</sub>). May emit toxic fumes under fire conditions.

## 11. Toxicological Information

**Information on likely routes of exposure**

<b>Product Information</b>	The product has not been tested
<b>Inhalation</b>	Remove to fresh air. May be harmful if inhaled. Irritating to respiratory system.
<b>Eye contact</b>	May cause serious eye damage.
<b>Skin contact</b>	Irritating to skin. May be absorbed through the skin in harmful amounts.
<b>Ingestion</b>	Not an expected route of exposure. Harmful if swallowed.

Chemical name	ATEmix (oral)	ATEmix (dermal)	Inhalation LC50
Polyurethane modifier	= 1400 mg/kg ( Rat )	= 2 g/kg ( Rabbit )	-

**Information on toxicological effects**

N/A.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Serious eye damage/eye irritation</b>	Risk of serious damage to eyes.
<b>Irritation</b>	Irritating to eyes, respiratory system and skin.
<b>Corrosivity</b>	Risk of serious damage to eyes.
<b>Sensitization</b>	No sensitization responses were observed.
<b>Germ cell mutagenicity</b>	N/A.

<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
<b>Reproductive toxicity</b>	Experiments have shown reproductive toxicity effects on laboratory animals.
<b>Teratogenicity</b>	Developmental Toxicity - rat - Oral. Specific developmental abnormalities: Other developmental abnormalities.
<b>STOT - single exposure</b>	N/A.
<b>STOT - repeated exposure</b>	N/A.
<b>Aspiration hazard</b>	N/A.

#### **Numerical measures of toxicity - Product Information**

<b>Unknown acute toxicity</b>	92% of the mixture consists of ingredient(s) of unknown toxicity
<b>The following values are calculated based on chapter 3.1 of the GHS document</b>	
<b>ATEmix (oral)</b>	1,409.00 mg/kg
<b>ATEmix (dermal)</b>	2,013.00 mg/kg

### **12. Ecological Information**

#### **Ecotoxicity**

N/A  
100 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

#### **Persistence and degradability**

N/A

#### **Other adverse effects**

N/A

### **13. Disposal Considerations**

#### **Waste treatment methods**

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated packaging</b>	Do not reuse container.

### **14. Transport Information**

<b><u>DOT</u></b>	Not regulated
<b><u>ICAO (air)</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG</u></b>	Not regulated

### **15. Regulatory Information**

#### **International Inventories**

**TSCA** All components of this product are either exempt or included on the TSCA Inventory in compliance with the Toxic Substances Control Act.

#### **Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

## US Federal Regulations

### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

### **SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

## US State Regulations

### **California Proposition 65**

This product does not contain any Proposition 65 chemicals

### **U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations

### **U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

## 16. Other Information

<b>NFPA</b>	<b>Health hazards</b> 2	<b>Flammability</b> 1	<b>Instability</b> 0	<b>Physical and chemical properties</b> -
<b>HMIS</b>	<b>Health hazards</b> 2	<b>Flammability</b> 1	<b>Physical hazards</b> 0	<b>Personal Protection</b> X

<b>Prepared By</b>	Key Polymer Corp Compliance
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### **Revision Note**

N/A

### **Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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**End of Safety Data Sheet**