



## Acrylic Concrete Sealer

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### MATERIAL SAFETY DATA SHEET

(Complies with OSHA 29 CFR 1910.1200)

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#### SECTION I - PRODUCT IDENTIFICATION

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PakMix, Inc.  
618 S 223rd Street  
Suite #3  
Des Moines, WA 98198

Emergency Phone Number  
800-272-5649

Information Telephone Number:  
800-272-5649

Revision: Dec-09

#### **PakMix® Product Name**

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PakMix® Cure and Seal

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#### SECTION II - HAZARD IDENTIFICATION

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**Route(s) of Entry:** Inhalation, ingestion.

**Acute Exposure:** None known.

**Chronic Exposure:** Repeated or prolonged skin contact may result in skin sensitization. Vapor may be an irritant to the respiratory tract. Ingestion may cause irritation to the gastrointestinal tract.

**Carcinogenicity:** Not applicable.

**Signs and Symptoms of Exposure:** None known.

**Medical Conditions Generally Aggravated by Exposure:** None known.

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#### SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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There are no hazardous components per OSHA guidelines.

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#### SECTION IV - FIRST AID MEASURES

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**Eyes:** Immediately flush eye thoroughly with water. Continue flushing eye for at least 15 minutes, including under lids. Call physician immediately.

**Skin:** Wash skin with cool water and pH-neutral soap or a mild detergent. Seek medical treatment

if irritation or inflammation develops or persists.

**Inhalation:** Remove person to fresh air. Seek medical help if irritation persists.

**Ingestion:** Treat symptomatically and supportively. Get medical attention. DO NOT attempt to give anything by mouth to an unconscious person.

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### SECTION V - FIRE AND EXPLOSION HAZARD DATA

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**Unusual Hazards:** This water based dispersion can splatter at temperatures above 212°F(100°C). Polymer film can burn once the water has evaporated. Product also contains less than 5% of a solvent with a Flash Point of 240°F (115°C).

**Extinguishing Agents:** Use methods appropriate for surrounding fire.

**Personal Protective Equipment:** For fire fighting, wear self-contained breathing apparatus and full protective gear. Cool endangered containers with water.

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### SECTION VI - ACCIDENTAL RELEASE MEASURES

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Absorb spillages onto sand, earth or any suitable absorbent material. Sweep up and shovel into waste drums. Wash the spillage area with water. Washings must be prevented from entering surface water drains. Polymer may be separated from water by addition of alum and ferric chloride. Disposal should be in accordance with local, state or federal regulations.

NOTE: Spilled emulsion is very slippery. Use care to avoid falls. Latex will leave a film on drying. Remove saturated clothing and wash contacted skin area with soap and water.

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### SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

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**Storage Temperature:** 40°F - 100°F

**Handling and Storage:** Avoid extreme temperatures. Keep from freezing.

This material should not be spilled, discharged, or flushed into sewers or public waterways. Product contains low level of organic volatiles which could accumulate in the un-vented headspace of drums or bulk storage vessels. Open drums in well-ventilated area, avoid breathing vapors.

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### SECTION VIII - EXPOSURE CONTROL MEASURES

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**Engineering Controls:** Use local exhaust ventilation with a minimum capture velocity of 100ft/min. (30 m/min.) at the point of vapor evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use and maintenance of exhaust systems.

**Personal Protection:** Wear safety glasses with side shields. Protect against splashing. The use of neoprene gloves is recommended. Gloves of other chemically resistant materials may not provide adequate protection. Clothing protection should be worn. Rubber boots and apron should be worn if exposure is severe. Remove contaminated clothing and launder before reuse.

**Other Protective Equipment:** Facilities storing or utilizing this material should be equipped with an eyewash facility.

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### SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

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**Appearance:** Milky white liquid  
**Solubility in Water:** Infinitely Dilatable  
**Viscosity:** 1000 cps max.  
**Odor:** Slight ammonia

**Melting Point:** ~30°F (-1°C) water  
**Boiling Point:** ~212°F (100°C)  
**Volatile Organic Content (VOC):** 32 g/L

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### SECTION X - REACTIVITY DATA

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**Stability:** This material is considered stable. Avoid temperatures above 350°F (177°C), the onset of polymer decomposition. Thermal decomposition is dependent on time and temperature.

**Incompatibility (Materials to Avoid):** Contact with strong oxidizing agents or strong alkalis.

**Hazardous Decomposition Products:** Thermal decomposition may yield acrylic monomers.

**Hazardous Polymerization:** Will not occur.

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### SECTION XI - TOXICOLOGICAL INFORMATION

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**Route of Entry:** Inhalation, ingestion.

**Toxicity to Animals:** LD50 : Not available LC50: Not available

**Chronic Effects on Humans:** Not established.

**Special Remarks on Toxicity:** Not likely to cause harmful effects under recommended conditions of handling and use.

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### SECTION XII - ECOLOGICAL INFORMATION

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**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

**Products of Biodegradation:** Not available.

**Toxicity of the Products of Biodegradation:** Not available

**Special Remarks on the Products of Biodegradation:** Ingress to waterways may cause persistent milky turbidity.

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### SECTION XIII - DISPOSAL CONSIDERATIONS

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**Waste Disposal Method:** For large quantities, place in settling pond and add ferric chloride and lime. Decant water. Dispose of solids in landfill. Emulsion can be incinerated directly under appropriate conditions. Disposal should be in accordance with local, state or federal regulations. This product is not classified as a hazardous waste under the authority of the RCRA (40CFR261) or CERCLA (40CFR 117 & 302).

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### SECTION XIV - TRANSPORTATION INFORMATION

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Non-Hazardous under U.S. DOT and TDG Regulations

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### SECTION XV - OTHER REGULATORY INFORMATION

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**SARA (Title III) Section 313:** Not subject to reporting requirements

**TSCA (May 1997):** All components are on the TSCA inventory list.

**Federal Hazardous Substances Act:** Is a hazardous substance subject to statutes promulgated under the subject act.

**Canadian Environmental Protection Act:** Not listed.

**Canadian WHMIS:** Considered to be a hazardous material under Hazardous Products Act as defined by the Controlled Products Regulations and subject to the requirements of Health

Canada's Workplace Hazardous Material Information (WHMIS). This product has been classified according to the hazard criteria of the Controlled Products Regulation (CPR). This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

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## SECTION XVI - OTHER INFORMATION

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### Abbreviations:

<b>ACGIH</b>	American Conference of Government Industrial Hygienists
<b>CAS</b>	Chemical Abstract Service
<b>CERCLA</b>	Comprehensive Environmental Response, Compensation & Liability Act
<b>CFR</b>	Code of Federal Regulations
<b>CPR</b>	Controlled Products Regulations (Canada)
<b>DOT</b>	Department of Transportation
<b>IARC</b>	International Agency for Research
<b>MSHA</b>	Mine Safety and Health Administration
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NTP</b>	National Toxicity Program
<b>OSHA</b>	Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>RCRA</b>	Resource Conservation and Recovery Act
<b>SARA</b>	Superfund Amendments and Reauthorization Act
<b>TLV</b>	Threshold Limit Value
<b>TWA</b>	Time-weighted Average
<b>WHMIS</b>	Workplace Hazardous Material Information System

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NOTE: The information and recommendations 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. PakMix Inc. Assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.

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