



## Concrete Bonding Adhesive

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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® Concrete Glue

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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 mild irritation. 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.

**Chronic Exposure:** None known.

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

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Hazardous Components	CAS No.	PEL(OSHA) mg/M <sup>3</sup>	TLV(ACGIH) mg/M <sup>3</sup>
Vinyl Acetate Ethylene Co-polymer	Not Hazardous		
Vinyl Alcohol Polymer	Not Hazardous		

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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. Seek immediate medical treatment in the event of burns.

**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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**Flammability:** Noncombustible and not explosive.

**Auto-ignition Temperature:** Not Applicable.

**Flash Points:** >212°F

**Extinguishing Media:** Water fog; Foam; CO<sub>2</sub>; Dry Chemical

**Special Firefighting Procedures:** Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

**Fire & Explosion Hazards:** This is a water based product and presents no particular fire or explosion hazard. Dry polymer film will burn. Product contains low level of organic volatiles which may be emitted at elevated temperatures.

**Hazardous Combustion Products:** Carbon Monoxide, Carbon Dioxide, unknown hydrocarbons.

**Lower Explosion Limit (%):** Not Applicable.

**Upper Explosion Limit (%):** Not Applicable.

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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. Disposal should be in accordance with local, state and federal guidelines.

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

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**Storage Temperature:** 40 - 100°F

**Handling and Storage:** Avoid extreme temperatures. Protect 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:** General.

**Personal Protection:** Wear safety glasses with side shields. Protect against splashing. The use of chemically resistant gloves is recommended. Clothing protection should be worn. Rubber boots and apron should be worn if exposure is severe. Remove contaminated clothing and launder before reuse.

**Exposure Limits:** Consult local authorities for acceptable exposure limits.

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**SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS**

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**Appearance:** Milky white liquid  
**Boiling Point:** >212°F (100°C)      **Vapor Density:** <1(water)  
**Specific Gravity:** 1.0 to 1.2      **Evaporation Rate:** <1(water)  
**Vapor Pressure:** 17 mm Hg @ 68°F(20°C)      **Melting Point:** >32°F (0°C)  
**Volatile Organic Compounds:** <3g/L      **Volatiles:** Approx. 22%  
**Odor:** vinyl acetate odor  
**Solubility in Water:** Water miscible. Dilution with water generally will lower dispersion stability.

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**SECTION X - REACTIVITY DATA**

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**Stability:** Stable  
**Incompatibility (Materials to Avoid):** Strong oxidizers, materials that react with water.  
**Hazardous Decomposition or Byproducts:** None  
**Hazardous Polymerization:** Will not occur.  
**Conditions to Avoid:** Protect from temperatures below 40°F to preserve product.

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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:** Dispose according to Federal, State and Local 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 statues 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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