

## MATERIAL SAFETY DATA SHEET

TYPE I  
FLEXIBLE**PAVE CHEM**

MASONRY ADHESIVES

## SECTION I – PRODUCT IDENTIFICATION

**Manufacturer's Name:**

Pave Tech  
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Prior Lake, Minnesota 55372  
(612) 226-6400  
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**Name:** Type I Flexible  
**Class:** 55 ORM-D  
**CAS No.:** 108883 Toluene  
**UN No.:** none

## SECTION II – HAZARDOUS INGREDIENTS

Lactol Spirits 32.4%  
Toluene 9.61%

**Proposition 65:** This product contains a chemical which is reported by the State of California to cause birth or reproductive harm.

## SECTION III – PHYSICAL DATA

**VOC:** 378 g/L  
**BOILING RANGE:** 231-250°F  
**WEIGHT PER GALLON:** 7.50 #  
**% VOLATILE BY WEIGHT:** 42.08%

## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** 52°F

**EXTINGUISHING MEDIA:** Dry Chemical or Foam.

**UNUSUAL FIRE & EXPLOSION HAZARD:**

- Closed containers may explode when exposed to extreme heat or fire.
- Vapors may ignite explosively at ambient temperatures.
- Vapors are heavier than air and may travel long distances to source of ignition and flashback.
- May decompose under fire conditions, emitting irritant and/or toxic gasses.

**SPECIAL FIREFIGHTING PROCEDURES:**

- Water may be used to cool and protect exposed containers.

## SECTION V – HEALTH HAZARD DATA

**POSSIBLE ROUTES OF ENTRY:** Inhalation, Skin, Eyes, Ingestion.

**EFFECT OF OVEREXPOSURE:** Irritation of eyes, skin, respiratory tract. Prolonged inhalation may lead to mucous membrane irritation, fatigue, drowsiness, dizziness, and/or lightheadedness, headache, uncoordination, nausea. Prolonged or repeated contact can cause dermatitis, defatting, blurred vision, tearing of eyes, possible vomiting, diarrhea, central nervous system depression, anesthetic effect or narcosis, difficulty of breathing, blood abnormalities, corneal injury, liver damage, kidney damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

## TYPE I FLEXIBLE *(continued)*

### FIRST AID PROCEDURES

**INHALATION (Breathing):** Move person to well ventilated area. Get emergency medical attention. Administer oxygen or artificial respiration if necessary.

**SKIN CONTACT:** Flush from skin with water, then wash thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before re-use.

**EYE CONTACT:** Flush affected area with large amounts of water for at least 15 minutes. Get emergency medical attention.

**INGESTION (Swallowing):** Get emergency medical attention.

### SECTION VI – REACTIVITY DATA

**STABILITY:** Stable.

**INCOMPATIBILITY:** Oxidizers, acids, bases, amines

**CONDITIONS TO AVOID:** Elevated temperatures, contact with oxidizing agent

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Monoxide, Carbon Dioxide

### SECTION VII – SPILL OR LEAK PROCEDURES

#### RELEASE OR SPILL:

- Eliminate all sources of ignition.
- Ventilate area with explosion-proof equipment.
- Small spills may be collected with absorbent materials.
- Use non-sparking tools
- Evacuate all unnecessary personnel.
- Large spills: Observe step for small spills. Shut off leak if it is safe to do so. Dike and contain spill. Pump to storage or salvage vessels. Use absorbent materials to pick up excess residue. Keep salvage material and rinse water, cut off sewers or water or water courses. Comply with all regulations and pollution control.

#### WASTE DISPOSAL:

- Disposal in accordance with all applicable regulations.
- Avoid discharge to natural waters.

### SECTION VIII – SPECIAL PROTECTION

Control environmental concentrations below applicable standards. Where respiratory protection is required, use only NIOSH/MSHA approved respirators.

**VENTILATION:** Provide dilution ventilation or local exhaust to prevent build-up of vapors. Use explosion-proof equipment. Use non-sparking equipment.

**PERSONAL PROTECTIVE EQUIPMENT:** Eye wash, safety shower, safety glasses or goggles, impervious gloves.

### SECTION IX – SPECIAL PRECAUTIONS

**HANDLING & STORAGE:** Store below 110° F. Keep away from heat, sparks, and open flame.

**OTHER PRECAUTIONS:** Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes and breathing vapors. Wash hands thoroughly after handling, especially before eating or smoking. Keep containers tightly closed and upright when not in use. Empty containers may contain hazardous residue.

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