



# Material Safety Data Sheet

Revision Date 31-Mar-2008

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product code** 55372  
**Product name** Concretestik Epoxy Pouch  
**Recommended Use** Coating

**Supplier** Lawson Products, Inc.  
1666 East Touhy Avenue  
Des Plaines, IL 60018  
(847)-827-9666

**Emergency telephone number** (888) 426-4851

## 2. HAZARDS IDENTIFICATION

**Aggravated Medical Conditions** None Known.

**Principal Routes of Exposure** Eyes. Inhalation.

### Potential health effects

**Eyes** May cause the following effects: Irritation. Swelling.

**Skin** May cause the following effects: Skin Irritation.

**Inhalation** May cause irritation of the nose and throat. Central nervous system effects. Dizziness. Headaches. Fatigue. Nausea. Extreme overexposure may cause. Kidney damage. Lung damage. Liver damage. Cardiac abnormalities. Damage to blood. Misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

**Ingestion** May be harmful if swallowed.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Toluene	108-88-3	10-30
Acetone	67-64-1	10-30
Propane	74-98-6	10-30
N-Butane	106-97-8	7-13
Stainless Steel	65997-19-5	5-10
Xylene (mix)	1330-20-7	5-10
Mineral Spirits	64742-47-8	0.5-1.5
Ethyl benzene	100-41-4	0.5-1.5

### 4. FIRST AID MEASURES

<b>Eye contact</b>	Remove to fresh air. Rinse thoroughly with plenty of water, also under the eyelids. Seek medical attention if irritation persists.
<b>Skin contact</b>	Wash area thoroughly with soap and water. Remove and wash contaminated clothing before re-use.
<b>Ingestion</b>	Call a physician or Poison Control Center immediately.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.

### 5. FIRE FIGHTING MEASURES

<b>Flash point °C</b>	No data available
<b>Flash point °F</b>	No data available
<b>Method</b>	No information available

<b>Autoignition temperature °C</b>	No data available
<b>Autoignition temperature °F</b>	No data available

<b>Flammability Limits (% in Air)</b>	
<b>Upper</b>	No data available
<b>Lower</b>	No data available

**Suitable extinguishing media**  
Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol-resistant foam . Sand.

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

**Fire and Explosion Hazards**  
Aerosol containers may vent, rupture or burst when heated to temperatures above 120°F. Vapors may form explosive mixture in air between upper and lower explosive limits which can be ignited by many sources, such as pilot lights, open flames, electrical motors and switches.

**Sensitivity to shock**  
No information available.

**Sensitivity to static discharge**  
No information available.

## 6. ACCIDENTAL RELEASE MEASURES

### **Methods for cleaning up**

Personnel should wear appropriate protective equipment. Follow all precautions for handling. Please refer to appropriate

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Toluene	200 ppm	300 ppm	20 ppm	-
Acetone	1000 ppm 2400 mg/m <sup>3</sup>	-	500 ppm	750 ppm
Propane	1000 ppm 1800 mg/m <sup>3</sup>	-	1000 ppm	-
N-Butane	-	-	1000 ppm	-
Stainless Steel	0.2 mg/m <sup>3</sup> 2 µg/m <sup>3</sup> 5 mg/m <sup>3</sup> 50 µg/m <sup>3</sup>	5 µg/m <sup>3</sup> 5 mg/m <sup>3</sup>	0.002 mg/m <sup>3</sup> 0.02 mg/m <sup>3</sup> 0.05 mg/m <sup>3</sup> 0.2 mg/m <sup>3</sup> 0.5 mg/m <sup>3</sup> 1 mg/m <sup>3</sup> 5 mg/m <sup>3</sup>	0.01 mg/m <sup>3</sup> 10 mg/m <sup>3</sup>
Xylene (mix)	100 ppm 435 mg/m <sup>3</sup>	-	100 ppm	150 ppm
Mineral Spirits	-	-	-	-
Ethyl benzene				

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Aerosol	<b>Color</b>	Gray
<b>Odor</b>	Solvent	<b>Odor Threshold</b>	No information available
<b>pH</b>	No data available	<b>Specific Gravity</b>	No data available
<b>Vapor pressure</b>	No data available	<b>Vapor density</b>	No data available
<b>Evaporation Rate</b>	No data available	<b>VOC Content</b>	59.4%; 610 g/l; 5.09 lb/gal
<b>Water solubility</b>	No data available	<b>Partition Coefficient (n-octanol/water)</b>	No data available
<b>MIR value</b>	1.88		
		<b>Boiling point/range °C</b>	No data available
<b>Boiling point/range °F</b>	No data available	<b>Melting point/range °C</b>	No data available
<b>Melting point/range °F</b>	No data available	<b>Flash point °C</b>	No data available
<b>Flash point °F</b>	No data available		

## 10. STABILITY AND REACTIVITY

### Stability

Stable under normal conditions.

### Conditions to avoid

Do not store in temperatures above 120 degrees F.

### Incompatibility

None known.

### Hazardous Decomposition Products

None known.

### Polymerization

Hazardous polymerization does not occur

## 11. TOXICOLOGICAL INFORMATION

### Component Information

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
<i>Toluene</i> 108-88-3	12.5 mg/L 12124 mg/kg 636 mg/kg 8390 mg/kg 26700 ppm	12.5 mg/L 12124 mg/kg 636 mg/kg 8390 mg/kg 26700 ppm	12.5 mg/L 12124 mg/kg 636 mg/kg 8390 mg/kg 26700 ppm
<i>Acetone</i> 67-64-1	5800 mg/kg	5800 mg/kg	5800 mg/kg
<i>Propane</i> 74-98-6	658 mg/L	658 mg/L	658 mg/L
<i>N-Butane</i> 106-97-8	658 mg/L	658 mg/L	658 mg/L
<i>Stainless Steel</i> 65997-19-5	-	-	-

<b>Chemical Name</b>	<b>LD50 (oral, rat)</b>	<b>LD50 (dermal, rat/rabbit)</b>	<b>LC50 (inhalation, rat)</b>
<i>Xylene (mix)</i> 1330-20-7	4300 mg/kg 47635 mg/L 5000 ppm 1700 mg/kg	4300 mg/kg 47635 mg/L 5000 ppm 1700 mg/kg	4300 mg/kg 47635 mg/L 5000 ppm 1700 mg/kg
<i>Mineral Spirits</i> 64742-47-8	2000 mg/kg 5.2 mg/L 5000 mg/kg	2000 mg/kg 5.2 mg/L 5000 mg/kg	2000 mg/kg 5.2 mg/L 5000 mg/kg
<i>Ethyl benzene</i> 100-41-4	15354 mg/kg 17.2 mg/L 3500 mg/kg	15354 mg/kg 17.2 mg/L 3500 mg/kg	15354 mg/kg 17.2 mg/L 3500 mg/kg

**Synergistic Products**

None known

**Potential health effects****Sensitization**

None known

**Mutagenic effects**

None known

**Reproductive toxicity**

None known

**Carcinogenic effects**

See table below

**Chronic toxicity**

None known

**Teratogenic effects**

None known

**Target Organ Effects**

Reports have associated prolonged overexposure to solvents with permanent brain and nervous system damage. Kidney. Lungs. Liver. Heart. Blood.

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<b>Chemical Name</b>	<b>ACGIH OEL - Carcinogens</b>	<b>IARC</b>	<b>NTP - Known Carcinogens</b>	<b>NTP - Suspected Human Carcinogens</b>	<b>OSHA RTK Carcinogens</b>
Toluene	A4 - Not Classifiable as a Human Carcinogen	Not Listed	Not Listed	Not Listed	Not Listed
Acetone	A4 - Not Classifiable as a Human Carcinogen	Not Listed	Not Listed	Not Listed	Not Listed
Propane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
N-Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Stainless Steel	A1 - Confirmed Human Carcinogen A3 - Confirmed animal carcinogen with unknown relevance to humans				

**Water Flea Data***water flea EC50=0.0039 mg/L (48 h)**Daphnia magna EC50=12600 mg/L (48 h)**water flea EC50=12700 mg/L (48 h)*

Xylene (mix)

**Microtox Data***Photobacterium phosphoreum EC50=0.0084 mg/L (24 h)***Water Flea Data***Gammarus lacustris LC50=0.6 mg/L (48 h)**water flea EC50=3.82 mg/L (48 h)*

Mineral Spirits

**Water Flea Data***Den-dronereides heteropoda LC50=4720 mg/L (96 h)*

Ethyl benzene

**Microtox Data***Photobacterium phosphoreum EC50=9.68 mg/L (30 min)**Nitrosomonas EC50=96 mg/L (24 h)***Water Flea Data***Daphnia magna EC50 1.8 - 2.4 mg/L (48 h)***13. DISPOSAL CONSIDERATIONS****Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations. Do not puncture or incinerate. Please recycle empty container whenever possible.

**14. TRANSPORT INFORMATION****DOT**

Not Regulated

**TDG**

Not Regulated

**IMDG/IMO**

Not Regulated

**IATA**

Not Regulated

**MEX**

Not Regulated

**15. REGULATORY INFORMATION**



Product code **55372**

Product name

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