

# Material Safety Data Sheet

## Section I - Product Identification

Product Name: Lastek 33  
Manufacturer's Name: Maintenance, Inc.  
Address: PO Box 408, Wooster, Ohio 44691  
Phone Number: 330-264-6262 (Maintenance, Inc.)  
Chemical Emergency Phone Number: 1-800-424-9300  
Trade Name: Cold pour asphalt crack filler  
Chemical Family: Asphalt emulsion  
Formula: L33-1  
Effective Date: 1/21/05  
Date Superseded: 02/15/02

## Section II - Hazardous Ingredients

### Asphalt

CAS# 8052-42-4  
% by wt. 15-25%  
Listed in SARA Title III, Section 313: No  
OSHA PEL: N/A  
ACGIH TLV: 5 mg/m<sup>3</sup> (fumes)  
STEL: N/A  
LC50: N/A  
LD50: N/A

### Clay

CAS# 1332-58-7  
% by wt. 20-25%  
Listed in SARA Title III, Section 313: No  
OSHA PEL: 5 mg/m<sup>3</sup> (dust)  
ACGIH TLV: 2 mg/m<sup>3</sup> (dust)  
STEL: N/A  
LC50: N/A  
LD50: N/A

### Silica Crystalline

CAS# 14808-60-7  
% by wt. 3-10%  
Listed in SARA Title III, Section 313: No  
OSHA PEL: 0.1 mg/m<sup>3</sup> (dust)  
ACGIH TLV: 0.1 mg/m<sup>3</sup> (dust)  
STEL: N/A  
LC50: Human > 0.3ppm  
LD50: N/A

## Section II - OSHA Nonhazardous Ingredients

### Water

CAS# 7732-18-5  
% by wt. >3%

N/A = Not available or applicable

Ingredients total wt. % are below 100% only if all others unlisted are not considered hazardous by any federal (OSHA, WHMIS, SARA), any state or province, or local Right-To-Know regulations.

## Section III - Physical Data

Boiling Point (degrees F/C): 212°F  
Vapor Pressure (mm Hg.): 18 mmHg  
Vapor Density (Air = 1): 0.6

Solubility in Water: Miscible  
Appearance and Odor: Dark brown viscous liquid with asphalt odor.  
Physical State: Liquid  
Freeze Point (degrees F/C): 32°F/0°C  
Specific Gravity: 1.1 - 1.2  
% Volatile (by wt.): 40-45%  
Evaporation Rate (ether = 1): 1  
Water/Oil Dist. Coeff.: 0.5  
Threshold Odor, ppm: N/A  
pH: 9.0 - 10.0

#### Section IV - Fire & Explosion Hazard Data

Flammability Classification: N/A  
Flash Point (method used): N/A  
Flammable Limits: LEL: N/A      UEL: N/A  
Combustion Products: Hydrocarbon compounds, CO and CO<sub>2</sub>.  
Extinguishing Media: Water, fog, foam, dry chemical or CO<sub>2</sub>.  
Special Fire Fighting Procedures: Cool exposed containers to prevent steam pressure buildup. Wear self-contained breathing equipment.  
Unusual Fire and Explosion Hazards: Containers may rupture due to steam pressure.  
NFPA Rating: Health 1;      Fire 1;      Reactivity 0  
Impact Sensitive: No  
Static Sensitive: No  
Explosion Power: N/A  
Burning Rate: N/A

#### Section V - Health Hazard Data

Routes of Entry: Skin, eyes, inhalation, ingestion.  
Eyes: May cause eye irritation.  
Inhalation: May cause headaches and nausea. Prolonged and repeated inhalation may be harmful to the respiratory system.  
Skin: May cause irritation of skin.  
Ingestion: May cause nausea, cramps, vomiting, diarrhea or acute effects.  
Any Suspected Carcinogen > or = 0.1%: No  
NOTE: Contains encapsulated silica-crystalline. Normal product usage should not result in respirable dust that would be hazardous to the respiratory system.  
Emergency and First Aid Procedures:  
Eyes: Immediately flush with plenty of water for 15 minutes and call a physician.  
Inhalation: If affected, remove to fresh air.  
Skin: Wash thoroughly with plenty of water and soap.  
Ingestion: Seek physician immediately, show MSDS or label. DO NOT induce vomiting.

#### Section VI - Reactivity Data

Stability: Stable  
Conditions to Avoid: Keep from freezing.  
Incompatibility (materials to avoid): Strong oxidizing agents.  
Hazardous Decomposition Products: N/A  
Hazardous Polymerization: Will not occur.

## Section VII - Spill or Leak Procedures

SARA Title III:

#302: No    #304 CERCLA: No    #313: Yes    RCRA: No

Steps to be Taken In Case Material is Released or Spilled: Wear suitable protective clothing, gloves, and eye/face protection. Contain and pick up waste materials. Put in a sealed approved container. Dispose of as a non-hazardous waste in accordance with federal, state and local regulations.

## Section VIII - Safe Handling & Protection Information

Respiratory Protection: If ventilation is inadequate, wear approved respiratory equipment.

Ventilation:

Local Exhaust: Recommended

Mechanical (general): Recommended

Special: N/A

Other: N/A

Protective Gloves: Rubber gloves recommended.

Eyes Protection: Wear safety glasses, goggles or face shield.

Other Protective Equipment: Wear suitable protective clothing.

Estimated LD50, MG/KG: N/A

Estimated: LC50, MG/KG: N/A

Sensitization: No

Irritant: No

## Section IX - Special Precautions

Keep out of reach of children.

For professional and industrial use only.

Always read label plus precautions and follow directions carefully.

Use only in well ventilated areas.

Do not take internally.

Avoid contact with eyes and skin.

Wash thoroughly after using.

Additional Technical Data Sheets and/or MSDSs are available upon request.

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