

Amended

MATERIAL SAFETY DATA SHEET

Dear Customer:

In compliance with the Superfund Amendments and Reauthorizations Act (SARA Title III, Section 313), Federal Hazard Communications Regulations (WHMIS and OSHA CFR 1910.1200), and with interest of informed use of our product, we are providing you with this Material Safety Data Sheet.

In the event that you are not the person who needs this information, please direct this MSDS to the person responsible for safe handling, storage, and disposal of products in your company.

All employees, agents, contractors, customers, or others who may handle this product should be familiar with any warnings or precautionary procedures related to the product and to materials made from it.

This MSDS will be updated regularly to reflect the most recent information in our possession. Please ensure that obsolete MSDS sheets in your files for this product are discarded.

SECTION I - PRODUCT IDENTIFICATION

Product Name: Lastek 33
Manufacturer's Name: Maintenance, Inc.
Address: P.O. Box 408, Wooster, Ohio 44691
Emergency Phone Number: 216/264-6262 (Maintenance, Inc.). After 5:00 p.m. and weekends: 216/391-8300 (answering service).
Trade Name: Cold pour asphalt crack filler.
Chemical Family: Asphalt emulsion.
Formula: SF693
Effective Date: 08/13/93
Date Superseded: 05/21/92
Originator: RAH

SECTION II - HAZARDOUS INGREDIENTS

Asphalt:

CAS #8052-42-4
% by wt. 30-60%
Listed in SARA Title III, Section 313: No
OSHA PEL: N/A
ACGIH TLV: 5 mg/m3 (fumes)
STEL: N/A
LC50: N/A
LD50: N/A

	<u>Clay</u>	<u>Cellulose</u>
CAS #	1332-58-7	9004-34-6
% by wt.	5-10%	1-5%
SARA 313	No	No
OSHA PEL	5 mg/m ³ (dust)	15 mg/m ³ (dust)
ACGIH TLV	2 mg/m ³ (dust)	10 mg/m ³ (dust)
STEL	5 mg/m ³ (dust)	N/A
LC50	N/A	N/A
LD50	N/A	N/A

SECTION II-OSHA NONHAZARDOUS INGREDIENTS

Water:

CAS #7732-18-5

% by wt. >3%

Nonhazardous ingredients are partially unknown.

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 degrees F.

Vapor Pressure (mm Hg.): 18mmHg

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 degrees F./0 degrees C.

Specific Gravity: 1.10-1.15

% Volatile (by wt.): 35-45%

Evaporation Rate (water = 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 CO2.

Extinguishing Media: Water, fog, foam, dry chemical, or CO2.

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.

UN/NA/PIN#: N/A

NFPA Rating: Health 1 Fire 1 Reactivity 0

Impact Sensitive: No

Static Sensitive: No

Explosive Power: N/A

Burning Rate: N/A

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value: Under normal conditions of use exposure to hazardous asphalt fumes and dust is not expected. See Section II.

Routes of Entry: Skin, eyes, inhalation, ingestion.

Effect of Overexposure:

Eyes: May cause eye irritation.

Inhalation: May cause headache and nausea. Prolonged and repeated inhalation may be harmful to respiratory system.

Skin: May cause irritation of skin.

Ingestion: May cause nausea, cramps, vomiting, diarrhea or acute effects.

Unusual Chronic Toxicity: N/A

Carcinogenic: No.

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.

Conditions to Avoid: N/A

SECTION VII - SPILL OR LEAK PROCEDURES

SARA Title III:

#302: No #304 CERCLA: No #313: No 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.

Reportable Quantity (lbs.): N/A

TPO (lb.): N/A

Regulations: N/A

Hazardous Waste: N/A

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: N/A

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.

Keep from freezing.

Use only with adequate ventilation.

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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