

Material Safety Data Sheet

Section I - Product Identification

Product Name: Lastek 34-N

Manufacturer's Name: Maintenance, Inc.

Address: P.O. Box 408, Wooster, Ohio 44691

Emergency Phone Number: 330/264-6262 (Maintenance, Inc.). After 5:00 p.m. and weekends: 216/391-8300 (answering service).

Trade Name: Cold mix asphalt crack filler

Chemical Family: Asphalt

Formula: L34N-1

Effective Date: 02/19/02

Date Superseded: 06/11/99

Section II - Hazardous Ingredients

Petroleum Solvent

CAS# 64742-95-6

% by wt. 20-30%

Listed in SARA Title III, Section 313: No

OSHA PEL: N/A

ACGIH TLV: N/A

STEL: N/A

LC50: Inhalation RAT>3000

LD50: Ingestion RAT 5000;
Absorption rabbit 2800

Clay

CAS# 1332-58-7

% by wt. 15-25%

Listed in SARA Title III, Section 313: No

OSHA PEL: 5 mg/m³ (dust)

ACGIH TLV: 2 mg/m³ (dust)

STEL: N/A

LC50: N/A

LD50: N/A

Mineral Spirits

CAS# 64742-48-9

% by wt. 7-12%

Listed in SARA Title III, Section 313: No

OSHA PEL: N/A

ACGIH TLV: N/A

STEL: N/A

LC50: N/A

LD50: N/A

Carbon Black

CAS# 1333-86-4

% by wt. 0-5%

Listed in SARA Title III, Section 313: No

OSHA PEL: 3.5 mg/m³ (dust)

ACGIH TLV: 3.5 mg/m³ (dust)

STEL: N/A

LC50: N/A

LD50: N/A

Asphalt

CAS# 8052-42-4

% by wt. 2-6%

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

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): 158-168°C

Vapor Pressure (mm Hg.): Data Not Available

Vapor Density (Air = 1): 4.10

Solubility in Water: Nil

Appearance and Odor: Black viscous liquid with solvent odor.

Physical State: Liquid

Freeze Point (degrees F/C): N/A

Specific Gravity: 1.15

% Volatile (by wt.):

Evaporation Rate (ether = 1): Data Not Available

Water/Oil Dist. Coeff.: N/A

Threshold Odor, ppm: N/A

pH: N/A

VOC: Lbs/Gal 3.64; Grams per liter 436; grams VOC/Grams Solid 65; % VOC 35

Section IV - Fire & Explosion Hazard Data

Classification: Combustible

Flash Point (method used): 105° F/41°C (TCC)

Flammable Limits: LEL: Unknown UEL: Unknown

Combustion Products: Hydrogen chloride, CO, CO₂ and sulfur dioxide.

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

Special Fire Fighting Procedures: Wear self-contained breathing equipment.

Unusual Fire and Explosion Hazards: Contact with flame or hot surfaces may produce toxic gases.

NFPA Rating: Health 1; Fire 2; Reactivity 0

Impact Sensitive: No

Static Sensitive: No

Explosion Power: Low

Burning Rate: Medium

Section V - Health Hazard Data

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

Eyes: Causes eye irritation.

Inhalation: May cause headaches, dizziness and nausea. Prolonged and repeated inhalation may be harmful to respiratory system, liver and kidneys.

Skin: May cause irritation of skin.

Ingestion: May cause nausea, cramps, vomiting, diarrhea or acute effects. May cause damage to internal organs.

Any Suspected Carcinogen >or= 0.1%: No

NOTE: Normal product usage should not result in respirable dust that would be hazardous. Carbon black is encapsulated and is not in respirable form.

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, administer oxygen and call physician.

Skin: Wash thoroughly with plenty of water and soap.

Ingestion: Seek physician immediately, show MSDS or label. DO NOT induce vomiting. Give 1 – 2 glasses of water.

Section VI - Reactivity Data

Stability: Stable

Conditions to Avoid: Keep away from heat, sparks, flames or sources of ignition.

Incompatibility (materials to avoid): Strong oxidizing agents.

Hazardous Decomposition Products: CO, CO₂.

Hazardous Polymerization: Will not occur.

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: Remove all sources of ignition.

Ventilate the area. Wear suitable protective clothing, gloves, and eye/face protection. Clean up with absorbent materials. Contain and pick up waste materials. Put in a sealed approved container. Dispose of 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: Not normally needed.

Mechanical (general): N/A

Special: N/A

Other: N/A

Protective Gloves: Rubberized cotton gloves.

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: Eye, mild skin

Section IX - Special Precautions

Caution: COMBUSTIBLE. Keep away from heat, sparks, flames and sources of ignition. Keep in a cool place.

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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