



WESTERN COLLOID

Material Safety Data Sheet

298 ASPHALT EMULSION

(Water Based Asphaltic Roof Coating)

MSDS FOR TREE SEAL
LILLY MILLER BRANDS
PO BOX 2289
CLACKAMAS, OR 97015
503-451-4451

Date: 07/15/2003

Chemical Formula: Mixture

SECTION 1 - MANUFACTURER INFORMATION

Manufacturer's Name:

Western Colloid S.C., Inc.

Western Colloid N.C., Inc.

Address:

654 E. 60th St., Los Angeles, CA 90001

700 71st Ave., Oakland, CA 94621

Emergency Phone No.:

323-231-8292

510-430-0270

Information Phone No.:

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SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>%</u>	<u>TLV</u>
Clay (Siliceous Materials)	N/A	< 10.	NDA
Crystalline Silica (as dust)	14808-60-77	< 1.0	.01 mg/m ³
Asphalt (TLV is for fumes when heated)	8052-42-4	< 45.0	5 mg/m ³
Water	732-18-5	< 55.0	NDA

SECTION III - PHYSICAL DATA

Appearance: Brown, viscous liquid.

Odor: Mild asphaltic odor.

V.O.C Actual = 0 gm/ltr

Regulatory = 0 gm/ltr

Boiling Point: 212°F

Evaporation Rate (Butyl Acetate=1): <1

Vapor Pressure (mmHG): 17.

Specific Gravity (Water=1): 1.02

Water Solubility: Dissolves in water

Melting Point: N/A

Vapor Density (Air=1): <1

% Volatile by Weight: 50-55 (water)

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Auto Ignition Temperature: N/A

Flash Point: N/A

Extinguishing Media: Not Required (Water base liquid / will not burn)

Unusual Fire or Explosion Hazards: Dried product can burn. Use water, foam, CO₂ or dry chemical extinguishers.

Special Fire-Fighting Procedures: Use breathing apparatus in enclosed areas.

SECTION V - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability (Thermal, Light): Stable

Incompatibility (Material to Avoid): None known

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: None known

SECTION VI - HEALTH HAZARDS

Summary: This product has not been classified as a carcinogen by the Occupational Safety and Health Administration (OSHA) or the National Toxicology Program (NTP).

Acute: No evidence of adverse effects from available information.

Chronic: No evidence of adverse effects from available information.

Medical conditions aggravated by exposure: Mild irritation or redness if prolonged exposure to skin and eyes.

SECTION VII - EMERGENCY & FIRST AID

Inhalation: Should not occur. Remove to fresh air.
Skin: Wash with soap and clean water.
Eyes: Rinse with clean water.
Ingestion: Should not occur. If large amount is swallowed, consult physician.

SECTION VIII - INDUSTRIAL HYGIENE CONTROL MEASURES

Ventilation: None under normal conditions. Mechanical if sprayed in enclosed areas.
Respiratory Protection: If mist is present or if sprayed in enclosed areas, use MSHA/NIOSH approved mask for mist.
Protective Gloves: Impervious to water.
Eye Protection: Safety glasses or goggles. Available eye wash.
Other Protective Equipment: N/A

SECTION IX - ENVIRONMENTAL PROTECTION INFORMATION

Steps in Case of Spill: Enclose with diking material. Scoop up wet material for reclamation and reuse. Let residue dry or wash down.

Waste Disposal Method: Standard waste disposal for dry material subject to local and Federal regulations. Conservation and Recovery Act (RCRA) (40CFR 261).

Handling and Storage Precautions: Store containers in cool dry area away from direct sunlight. Protect from freezing. Keep lids tightly closed when not in use.

DOT Shipping Requirements: Not DOT regulated.

SECTION X - OTHER INFORMATION

	Health	Flammability	Reactivity
HMIS* Rating:	1	0	0
NFPA** Rating			

Notice: These ratings involve data and interpretations that may vary from company to company and are intended only for rapid, general identification of the magnitude of the specific hazard. TO DEAL ADEQUATELY WITH THE SAFE HANDLING OF THIS MATERIAL ALL OF THE INFORMATION CONTAINED IN THIS MSDS MUST BE CONSIDERED. The customer is responsible for determining the proper personal protective equipment needed for its particular use of this material.

* Hazardous Materials Identification Systems [HMIS] Revised RAW MATERIALS RATING MANUAL, National Paint & Coatings Association, Fall 1984.

** NFPA 704 Standard System for the Identification of the Fire Hazards of Materials, National Fire Protection Association, 1985

The information contained herein is furnished without warranty of any kind. Users should consider this data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

Information on this form is furnished solely for the purpose of compliance with OSHA Hazard Communication Standard, 20 CFR 1910.1200, the Workplace Hazardous Material Information System (WHMIS), and shall not be used for any other purpose.