

SoilShield-LS : MATERIAL SAFETY DATA SHEET



PRODUCT IDENTIFICATION:

Trade Name: SoilShield-LS
Responsible Party: Soil-loc, Inc.
P.O. Box 28727
Scottsdale, Arizona 85255
Telephone Numbers: (480) 948-8114
Chemical Family: Vinyl--Acrylic Emulsion Polymer
DOT Shipping Name: Not regulated
DOT I.D. Number: Not regulated
Date: January 2003

Health	1
Flammability	0
Reactivity	0
Personal Protection	B

OSHA REGULATED INGREDIENTS:

<u>INGREDIENT(S)</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OSHA STEL</u>	<u>APPROX %</u>
Vinyl Acetate	108-05-4	10 ppm	10 ppm	15 ppm	0.2%/wt.

PRECAUTIONARY INFORMATION:

- Product is not considered hazardous under normal conditions.
- Direct contact of product with eyes can cause irritation.
- Prolonged or repeated contact with skin may cause irritation.

EMERGENCY and FIRST AID PROCEDURES:

Eyes: Flush immediately with water for 15 minutes. Consult a physician if irritation persists.
Skin: Wash affected area with soap and water. Wash contaminated clothing before reuse.
Inhaled: Remove subject to fresh air.
Fire: Product is non-flammable in the liquid state. Use water spray, foam, dry chemical or carbon dioxide on dried product.
Spill: Collect and remove using inert absorbent. Contain spill entering sewers. Notify appropriate agencies.

PHYSICAL DATA:

Physical State: Milky liquid
Boiling Point: >200 degrees F
Weight Per Gallon: 9.12 lbs/gal
Solubility in Water: Dilutable

PERSONAL PROTECTION EQUIPMENT:

Eyes: Wear chemical safety goggles to reduce the potential for eye contact. Eye wash fountain should be available.
Skin: Use impermeable chemical gloves and wear appropriate protective clothing. Launder contaminated clothing before reuse.
Respiratory: Respiratory protection is not normally required. Use NIOSH/MSHA approved respirator if conditions warrant.
Ventilation: Standard industrial ventilation is recommended.

FIRE PROTECTION:

Flash Point: Non-flammable.
Extinguishing media: Non-flammable in liquid state; use water spray, foam, dry chemical. Use carbon dioxide on dried product.
Unusual Fire and Explosion Hazard: Personnel exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment. Containers exposed a fire should be cooled with water to prevent vapor pressure buildup leading to a rupture.



REACTIVITY INFORMATION:

Stability: Stable.
Incompatibility: Not established.
Hazardous decomposition: Combustion of the dried product can yield low molecular weight hydrocarbons such as carbon monoxide and carbon dioxide.
Hazardous Polymerization: Will not occur.

EFFECTS OF OVEREXPOSURE:

Eyes: Eye contact with liquid may cause irritation.
Skin: Repeated or prolonged skin contact with liquid may cause irritation.
Inhalation: No expected effects.
Chronic: No anticipated effects. This product does not contain regulated levels of NTP, IARC or OSHA listed carcinogens. Existing Health Conditions Affected by Exposure - No know effects on other illness.

SPILL AND DISPOSAL INFORMATION:

Small Spills: Should be contained using absorbent material, such as clay, soil or any commercially available absorbent. Shovel reclaimed liquid and absorbent into recovery or salvage drums for disposal.
Large Spills: Should be diked to prevent further movement and reclaim into recovery or salvage drums for disposal.
Disposal: This product **does not** meet the definition of **hazardous waste** under the U.S. EPA Hazardous Waste Regulation 40 CFR 261. Consult state or local authorities for proper disposal in the event more restrictive requirements apply.

STORAGE:

Protect from freezing - product stability may be affected.

REGULATORY INFORMATION:

TOSCA This product meets the compositional requirements of the Toxic Substance Control Act and contains only chemical ingredients that are listed on the TOSCA inventory.

SARA Title III, Sec. 313: This product **does not** contain toxic chemical(s) at or above the de minimus concentrations subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372.

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>
Vinyl Acetate	108-05-4	0.2%/wt

California Prop. 65: "WARNING" This product contains trace amounts of chemical(s) known to California to cause cancer and/or birth defects or other reproductive harm.

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>
Acetaldehyde	75-07-0

Canadian EPA This product contains only chemical ingredients that are listed on the Domestic Substance List of the Canadian Environmental Agency.

ABBREVIATIONS:

NA - Not applicable, NE - Not established, NSR - No special requirement, ND - Not determined

Soil-loc, Inc., believes that the information provided is accurate and reliable as of the date of this material safety data sheet is given in good faith. No warranty expressed or implied is made as to the accuracy, reliability or completeness of the information. Any use of the data and information must be determined by the user to be in accordance with Federal, State and local laws and regulations. Soil-loc, Inc. urges persons receiving this information to make their own determination as to the information's suitability and applicability for and intended use.

