

MATERIAL SAFETY DATA SHEET

ROLCO LABS DIVISION

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SEPP LEAF ADHESIVE

EMERGENCY CONTACT:

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SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME: SEPP LEAF ADHESIVE **HMIS CODES:** H F R P
EFFECTIVE DATE: 3/1/2007 **PREPARER:** LAKELAND LABORATORY INC. 1 2 0 C

SECTION 2. HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	OSHA PEL	ACGIH TLV	VAPOR PRESSURE mm Hg @ TEMP.	WEIGHT PERCENT
Exempt Mineral Spirits	8052-41-3	500 ppm	100 ppm	2.0 68 F	N/A

SECTION 3. HEALTH EFFECTS AND SYMPTOMS OF OVEREXPOSURE

INHALATION: High vapor concentrations may be irritating to the nose, throat and respiratory tract and may cause CNS depression such as dizziness, headaches and loss of coordination.

EYES: Material is minimally irritating to the eyes. Splash contact may cause some irritation, tearing, redness and blurred vision.

SKIN: Material may be slightly irritating to the skin. Prolonged or repeated contact can result in skin irritation/dermatitis.

INGESTION: Ingestion of the product may result in vomiting. Aspiration (breathing) of the vomitus into the lungs must be avoided. Even small quantities may result in aspiration pneumonitis.

HEALTH HAZARDS (ACUTE & CRONIC): Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

CARCINOGENICITY: NTP? No **IARC MONOGRAPHS?** No **OSHA REGULATED?** No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting eye, skin and respiratory illness may be aggravated by overexposure.

SECTION 4. EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush eyes with copious amounts of water for 15 minutes while holding the eyelid open. Obtain medical attention.

SKIN: Remove contaminated clothing/shoes and wipe excess from skin. Wash with soap and water. If skin is irritated, seek medical attention. Do not reuse clothing until cleaned.

INHALATION: Remove the person to fresh air & provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get immediate medical attention.

INGESTION: Do not induce vomiting. If vomiting occurs, keep head below the hips to prevent aspiration of the liquid into the lungs. Obtain immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Chemical Foam, Carbon Dioxide, Dry Chemical, Water Fog, Class BC, ABC extinguisher.

SPECIAL FIREFIGHTING PROCEDURES: In enclosed areas, firefighters should use protective equipment including self-contained breathing apparatus. Water should not be used except as fog. Water may be used to keep near-by containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors from the product may develop a flammable atmosphere if subjected to high heat in confined or poorly ventilated areas. In fires, toxic and corrosive gases may be released.

SECTION 6. ACCIDENTAL RELEASE MEASURES

SPILLAGE: Provide good ventilation. Absorb spill with inert material. If spill is large, dike the area, wet with water and mix. Place in suitable and properly labeled containers

WASTE DISPOSAL METHOD: Under EPA – RCRA (40 CFR 261.21), if this product becomes a waste material, it would be a ignitable hazardous waste. Refer to the latest EPA, State and local laws and regulations regarding proper disposal.

SECTION 7. HANDLING AND STORAGE

GENERAL HANDLING: Keep containers closed when not in use and store in a cool ventilated fire resistant area. Do not store near heat, sparks, flames or strong oxidants. Use adequate ventilation to keep vapors below TLV and 8 hour weighted average conditions. Empty containers may retain product residues and should be disposed in accordance with all federal, state and local laws and regulations.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY PROTECTION: None in properly ventilated areas that afford vapor concentrations below TLV & 8 hour weighted average conditions. If mists or vapors are encountered use NIOSH/MSHA approved chemical respirators for the vapor type present.

VENTILATION: Mechanical ventilation & local exhaust should be suitable to keep all vapor concentrations below TLV. All areas of product application should be ventilated in accordance with OSHA regulations 29 CFR part 1910 and its applicable sections.

PROTECTIVE GLOVES: None generally required. For possible continued contact, use solvent resistant gloves to prevent skin contact.

EYE PROTECTION: Approved safety eyewear is recommended to guard against accidental splash. Provide eye wash station near any work site.

PROTECTIVE CLOTHING: Aprons are recommended to protect skin and clothing from repeated contact. Remove and wash any contaminated clothing before reuse. Discard contaminated shoes.

WORK/HYGIENIC PRACTICES: Wash hands thoroughly before eating or using the toilet facilities. Smoke only in designated areas. Keep good housekeeping.

SECTION 9. PHYSICAL PROPERTIES

BOILING RANGE: 315 Deg. F

VAPOR DENSITY: Heavier than air

COATING VOC: 450 g/l

FLASH POINT: 115 Deg. F

FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: 1.0 %

VAPOR PRESSURE: < 4 mm Hg @ 68 Deg. F.

APPEARANCE AND ODOR: Clear to yellowish liquid with an aromatic odor.

SPECIFIC GRAVITY (H₂O = 1) 0.86

EVAPORATION RATE: Slower than Ether

SOLUBILITY IN WATER: Not soluble

METHOD USED: Tag. Closed Cup

UPPER: 6.0%

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: High temperatures, poor ventilation and sources which may induce thermal decomposition.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents such as chlorine or oxygen.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition products carbon dioxide & carbon monoxide may form.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

No data available

SECTION 12. ECOLOGICAL INFORMATION

No data or information available.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL: Do not dump into any sewers, on the ground, or into any body of water. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

SECTION 14. TRANSPORT INFORMATION

DOT INFORMATION: Combustible non bulk packaging non regulated 49 CFR 173.120 (2).

SECTION 15. REGULATORY INFORMATION

US FEDERAL REGULATIONS: TSCA The intentional ingredients of this product are listed.

CERCLA RQ – 40 CFR 302.4 (a) None listed.

SARA 302 Components 40 CFR 355 Appendix A: None

Section 311/312 Hazard Class – 40 CFR 370.2

Immediate (X) Delayed (X) Fire (X) Reactive () Sudden Release of Pressure ()

SARA 313 Components – None reportable.

40 CFR 372.65

OSHA Process Safety Management 29 CFR 1910: None Listed

EPA Accidental Release Prevention 40 CFR 68: None Listed

INTERNATIONAL REGULATIONS, Inventory Status:

AICS (AUSTRALIA), DSL (CANADA), ECL (SOUTH KOREA), EINECS (EUROPE), ENCS (JAPAN), IECSC (CHINA), PICCS (PHILIPPINES). The intentional ingredients of this product are listed.

STATE AND LOCAL REGULATIONS:

California Proposition 65

None

New Jersey RTK Label Information

Mineral Spirits (Stoddard Solvent) CAS # 8052-41-3

Pennsylvania RTK Label Information

Mineral Spirits (Stoddard Solvent) CAS # 8052-41-3

SECTION 16. OTHER INFORMATION

DISCLAIMER: Information contained herein is believed to be accurate at the time of preparation. All statements or suggestions are made with no warranty, expressed or implied, regarding accuracy of the information obtained from our suppliers of raw materials as to hazards connected with the use of the product or as to results when used alone or with the material of others. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.