

MATERIAL SAFETY DATA SHEET

Complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA form 174

Product Name: LUBRA-SEAL®

Product Number: RH-353

HMIS: Health -2; **Flammability** -2; **Reactivity** -0; **Protective Equipment** -C

NFPA: Health -2; **Flammability** -2; **Reactivity** -0; **Specific Hazard** -NA

Section I

RHOMAR Industries, Inc.

2107 E. Rockhurst
Springfield, MO 65802

Emergency Response Number: 1-800-535-5053

General Information Number: 1-800-688-6221

Prepared: 1/3/2013 **By:** PBC **Notice:** Judgment based on indirect test data.

Section II – Hazard Ingredients/Identity Information

Hazardous Components - Specific Chemical Identity; Common Name(s)

(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)

Medium Aliphatic Naphtha

CAS No.	SARA III List	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source**
64742-88-7	No	500	200	d

Section III – Physical/Chemical Characteristics

Boiling Point: 165°F

Vapor Pressure (mm Hg. and Temperature): <1 @ 20°C

Vapor Density (Air=1): >1

Solubility in Water: Insoluble in cold water, hot water.

Appearance and Odor: Black Liquid with oil odor.

Specific Gravity (H2O=1): 0.91

Melting Point: ND

Evaporation Rate (Butyl Acetate=1): ND

pH: NA

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used): >115°F (Taglabue Closed Cup)

Flammability Limits: LEL: NE

UEL: NE

Extinguishing Media: Dry Chemical, foam, carbon dioxide, and water fog. Water fog and spray are effective in cooling containers and adjacent structures.

Special Fire Fighting Procedures: Full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Do not expose to heat, sparks, or flames, and any other ignition sources. Combustible at high temperature. Do not store or mix with strong oxidants.

Section V – Reactivity Data

Stability: Stable.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Keep away from extreme heat and open flame.

Incompatibility (Materials to Avoid): Strong oxidizers.

Hazardous Decomposition or Byproducts: Oxides of carbon or halogen containing materials.

Section VI - Health Hazard Data

Major Route(s) of Entry: Skin Contact

Signs and Symptoms of Acute Exposure

Inhalation: At elevated temperatures or in enclosed areas, material mist or vapors may cause nausea, vomiting or irritate the mucous membranes of the nose, the throat, bronchi, and lungs.

Eye Contact: Mild to moderate eye irritation upon short-term exposure. Symptoms include stinging, watering, redness and swelling.

Skin Contact: Material can cause mild skin irritation from prolonged or repeated skin contact.

Ingestion: If swallowed, material can cause depression, headache, drowsiness, nausea, vomiting and diarrhea. If aspirated into the lungs, liquid can cause severe lung damage.

Conditions Aggravated by Exposure: Personnel with pre-existing skin disorders, central nervous system (CNS) disease, chronic respiratory diseases or impaired pulmonary, kidney, and/or liver function should avoid exposure.

Emergency and First Aid

Inhalation: Immediately remove to fresh air. If breathing is difficult, provide 100% humidified oxygen. If not breathing, immediately begin rescue breathing. If heart has stopped, immediately begin rescue breathing. Seek medical attention immediately.

Eye Contact: Check for and remove contact lenses. If irritation or redness develops, flush eyes with cool, clean, low-pressure water for at least fifteen (15) minutes. Do not use eye ointment. Seek medical attention immediately.

Skin Contact: Remove contaminated shoes and clothing. Flush affected area with large amounts of water. Do not use ointments. If skin surface is not damaged, clean affected area thoroughly with mild soap and water. Seek medical attention if tissue appears damaged or if pain and irritation persists.

Ingestion: DO NOT INDUCE VOMITING or give anything by mouth. Seek medical attention immediately.

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Eliminate ignition sources. Stop flow, dike spill, and absorb or cover with dry earth, sand, or other inert non-combustible material and place into a waste container for later disposal.

Waste Disposal Method: Dispose of in accordance with all local, state and federal regulations.

Precautions to Be Taken in Handling and Storage: Keep container closed. Do not store with strong oxidizing agents. Do not store at temperatures above 120°F or in direct sunlight for extended periods. Do not expose containers to flames, sparks, heat or potential ignition sources.

Other Precautions and/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Empty containers may contain residue that can ignite with explosive force.

Section VIII – Control and Protective Measures

Respiratory Protection: Use product in a well-ventilated area. Avoid prolonged breathing of vapors. Avoid breathing of overspray. As necessary to avoid overexposure, use a NIOSH approved air-purifying or supplied-air respirator in accordance with OSHA requirements (29 CFR 1910.134).

Ventilation Requirements: Good general ventilation should be sufficient to control airborne levels.

Protective Gloves: Disposable PVC, neoprene, vinyl, or PVC/NBR.

Eye Protection: Safety glasses, goggles and/or face shield if splashing is likely.

Other Protective Clothing and Equipment: Clean and impervious clothing (neoprene or Tyvek®). May also include long-sleeve outer garment or oil apron.

Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash thoroughly after handling.

Abbreviations: AP = Approximately EQ = Equal > = Greater Than < = Less Than NA = Not Applicable ND = Not Determined NE = Not Established

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical listed as Carcinogen or potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only