

**SAFETY DATA SHEET****Trade Name:** Raybo 94 Susperse B**Version:** 2.0**Date:** 4-21-08**1) Identification of the Substance/Preparation and Company****Trade Name: Raybo 94 Susperse B****Identification of the manufacturer/Supplier**

**Address:** Raybo Chemical Company  
 PO Box 2155  
 Huntington, WV 25725

**Telephone:** 304-525-5171

**Fax:** 304-525-2921

**Information provided by/Telephone**

304-525-5171 William F Reid, Technical Director

**Emergency Telephone Number**

Chem Trec 800-424-9300 (Domestic)

Chem Trec 703-527-3887 (International)

**2) Composition/Information on Ingredients**

<b>Hazardous Ingredients</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>SARA 313%</b>
Solvent Naphtha Medium Aliphatic CAS NO: 64742-88-7 Einecs NO:	100 PPM	100 PPM	21.0%
Hexylene Glycol CAS NO: 107-41-5 Einecs NO: 603-053-00-3	25 PPM	25 PPM (Ceiling)	

NOTE: CONTENTS PARTIALLY UNKNOWN

**3) Potential Health Effects and Hazards**

HMIS Rating: Health (1) Flammability (2) Reactivity (0) Personal Protection ( )

**Eye:** Contact/exposure to liquid or high vapor concentrations can cause moderate to severe eye irritation. Symptoms include tearing, redness, and blurred vision.

**Skin:** Brief contact/exposure may cause skin irritation. Prolonged or repeated contact/exposure may cause defatting and drying of the skin which may result in dermatitis.

**Ingestion:** Single dose oral toxicity is low. Ingestion/swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may result in GI irritation.

**Inhalation:** Breathing of vapor or mist during normal handling and use is possible. Breathing large amounts during application or misuse of product may be harmful. Avoid air concentrations exceeding recommended exposure limits (See Section 2).

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**Chronic:** Prolonged or repeated contact/exposure to this product without  
(Information) appropriate PPE is potentially harmful.

**Developmental:** No data. As a precaution, avoid prolonged or repeated  
(Information) contact/exposure to liquid or vapor.

**Symptoms of Exposure:** Signs and symptoms of exposure to this product through breathing, swallowing, and/or passage of product components through the skin may include skin irritation (burning and redness), stomach or intestinal upset, irritation of the airways, and central nervous system depression which may lead to unconsciousness.

**4) First Aid Measurers**

**Eyes:** If symptoms develop, remove from exposure. Flush eyes with water while holding eyelids open. If symptoms persist, seek immediate medical attention.

**Skin:** Remove affected clothing. Flush exposed skin with water to reduce irritation. If symptoms persist, seek medical attention.

**Ingestion:** If symptoms develop, seek medical attention/advise. Do NOT induce vomiting. This product contains an aspiration hazard. Maintain head below hips to prevent aspiration.

**Inhalation:** If symptoms develop, move away from exposure and into fresh air. If symptoms persist, keep the person warm and quiet. Seek medical attention. If breathing is difficult, administer oxygen.

**NOTE TO PHYSICIAN:** Aspiration Hazard, Note hazardous material component(s) (Section 2).

**5) Fire Fighting Measurers****Flammable Properties**

Flash Point 110°F (43°C) Method: Tag Closed Cup (TCC)

Flammable Limits:

Lower Flammable Limits: 1.0%

Upper Flammable Limits: Unknown

Autoignition Temperature: No Data

Hazardous Combustion Products: Products of combustion may include carbon monoxide, carbon dioxide, and hydrocarbons.

**Extinguishing Media:** Carbon dioxide or dry chemical for small fires. Alcohol type or general-purpose foam for large fires. Water spray may be ineffective but may be used to cool fire exposed containers and prevent pressure buildup.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus with all appropriate turn-out gear and chemical resistant

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protective equipment. Smother to exclude air. Handle as an oil fire.

**6) Accidental Release Measures**

- Personal Precautions:** Provide adequate ventilation. Wear appropriate personal protective equipment (PPE) and exclude those unprotected from the area. Eliminate all sources of ignition.
- Environmental Precautions:** Prevent discharge to streams, lakes, or other bodies of water. Notify supervisors or proper authorities that a spill has occurred. (See Section 13 for Disposal Information)
- Methods for Cleaning Up:** Stop spill at source. Immediately collect and containerize uncontaminated product and use in non-critical areas if possible. If contaminated (dirt, deleterious materials, etc..) containerize and absorb any residual or unrecoverable product with vermiculite, floor absorbent, etc.

**7) Handling and Storage**

- Handling:** Handle all containers (even empty) with caution. Combustible liquid. Do NOT use product near heat, spark open flame, or other sources of ignition. Empty containers retain product residue (vapor, liquid, and/or solids). Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by ignition sources at locations distant from the handling point. Use recommended PPE (Section 8) when handling containers. Ensure the availability of emergency eyewash and shower facilities. Minimize inhalation.
- Storage:** Store closed containers in a cool, well ventilated place away from ignition sources and incompatible materials. Keep containers tightly closed.

**8) Exposure Controls/Personal Protection**

- Engineering Controls:** Provide sufficient mechanical (general or local exhaust ) ventilation to maintain exposure below TLV(s) listed in Section 2. Always provide mechanical ventilation in confined spaces.
- Respiratory Protection:** If engineering controls do NOT maintain airborne concentrations below recommended exposure limits (Section 2), an approved (NIOSH/MSHA) respirator must be worn. Respirator type: Chemical cartridge; mist, organic vapor (appropriate up to 10X PEL). Consult your Safety Administrator. Respiratory protection should be in compliance with standard 29 CFR1910.134.
- Skin Protection:** During handling and application wear solvent/chemical resistant gloves, rubber or Buna N. Wear clothing/coveralls appropriate for the risk of exposure.

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**Eye Protection:** During handling and application, minimum recommended protection is chemical splash proof goggles in compliance with OSHA regulations. Other types of safety glasses may be permitted. Consult your Safety Administrator.

**9) Physical and Chemical Properties**

Boiling Point	212°F (100°C)
Melting Point	Not Applicable
Vapor Pressure	2 mm Hg @ 68°F
Vapor Density	>1 (Air – 1)
Solubility in Water	Slight solubility
Specific Gravity	0.876 +/- 0.006
PH	Not Applicable
Odor	Fatty odor
Appearance	Dark amber liquid

**10) Stability and Reactivity**

**Stability:** Stable Product

**Incompatible (Conditions to Avoid):** None known. Spontaneous heating in Raybo 94 soaked rags may result in autoignition.

**Hazardous Decomposition Products:** Products of decomposition include carbon monoxide, carbon dioxide, and various petroleum hydrocarbons.

**Hazardous Polymerization:** This product will NOT undergo hazardous polymerization.

**Thermal Decomposition:** No decomposition when used as directed.

**11) Toxicological Information**

**Exposure Limit of Material:** See Section 2

**Carcinogenicity:** The following components of this product have been identified by ACGIH, IARC, NTP, and/or OSHA as confirmed/suspected human carcinogens: None Reported

**Medical Conditions Aggravated by Over Exposure:** Certain pre-existing eye, skin, respiratory, and cardiac disorders may be aggravated by contact/exposure to this product.

**12) Ecological Information**

**Ecotoxicological Information:** No Data

**Chemical Fate Information:** No data

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As local regulations may vary, all waste must be disposed of in accordance with Federal, State, and Local Environmental Protection Regulations. This product is considered a hazardous waste if discarded (by ignitibility, FP <140° F). **DO NOT LANDFILL.** incinerate or consign to a Hazardous Waste Facility. Preferably; to minimize waste, use **ONLY** the amount necessary for the intended purpose. Store product properly for future use.

**14) Transport Information**

Land: USA:	Non-regulated Liquid
International:	Flammable Liquid N.O.S. (Petroleum Aliphatic Hydrocarbon) 3, UN1993, PGIII
Marine: IMDG/GGVSee:	Flammable Liquid N.O.S. (Petroleum Aliphatic Hydrocarbon) 3, UN1993, PGIII, IMCO Class 3.3, NMFC149980-02, EMS F-E, S-E
Air ICAO/IATA:	Flammable Liquid N.O.S. (Petroleum Aliphatic Hydrocarbon) 3, UN1993, PGIII

**15) Regulatory Information**

USA: Consult 29 CFR for applicable OSHA regulations. See Section 2 for permissible exposure limits. See Section 8 for minimum personal protection recommendations.

CERCLA: Reportable Quantities (RQ): None Reported

SARA Hazard Categories: Immediate (X) Delay (X) Fire (X) Reactive ( )  
Sudden Release of Pressure ( )

SARA 313 Reportable: None Reported

HAP (Hazardous Air Pollutants): None Reported

VOC (Volatile Organic Content): 2.48 lbs/gal (297.2 gm/L)

State "Right to Know": The following states have "Right to Know" laws, which may require user notification of Section 2 ingredients. Consult appropriate authorities to determine applicability. CA, NJ, PA, MA, CT, FL, LA, NY, RI.

Specifically: NJ "Right to Know" contents partially unknown

	CAS	CA Prop 65	NJ	PA	MA
Hexyleneglycol	107-41-5	No	X	X	X

**International**

Canadian NPRI:

Canadian WHMIS: Class B, Division 3, Class D, Division 2, Sub B

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AICS – Australian Inventory of Chemical Substances:	Listed
EINECS – European Inventory of Existing Commercial Chemical:	Listed
CEPA (DSL) Canadian Environmental Protection Act:	Listed
MITI – Japanese Existing & New Chemical Substances List:	Listed
IECSC – Chinese Chemical Substance List:	Listed
TCCL – Korean Chemical Substance List:	Listed

CA Proposition 65: None Reported

**16) Other Information**

The provided information pertains to this product as currently formulated, and is based on information made available to us at this time. Addition of reducers or additives to this product may substantially alter the composition and hazards of this product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

**Department Issuing Safety Data Sheet**

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