

SAFETY DATA SHEET**Trade Name:** Raybo 57 OptiSpense HS **Version:** 1.0**Date:** 1-3-08**1) Identification of the Substance/Preparation and Company****Trade Name:** **Raybo 57 OptiSpense HS****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

Hazardous Ingredients	OSHA PEL	ACGIH TLV	SARA 313%
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Fatty Amine Carboxylate Complex	Not Established	Not Established	
CAS NO:			
Einecs NO:			

NOTE: CONTENTS PARTIALLY UNKNOWN

* SPECIFIC IDENTITY WITHHELD ON TRADE SECRET GROUNDS.

3) Potential Health Effects and Hazards

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

Eye: Contact/Exposure with liquid or high vapor concentrations can cause severe eye irritation. Symptoms include stinging, tearing, and redness.

Skin: Exposure may cause slight skin irritation.

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 mild G.I. irritation.

Inhalation: Breathing of vapor or mist during normal handling and use is unlikely because of products low vapor pressure. Only slightly irritating to respiratory system.

Chronic: No Data
(Information)

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(Information) No Data.

Symptoms of Exposure: Signs and symptoms of exposure to this product through contact, exposure, or ingestion may include slight skin irritation (redness), eyes may become red and tear, and mild stomach or intestinal upset.

4) First Aid Measurers

Eyes: If symptoms develop, remove from exposure. Flush eyes with low pressure water to reduce irritation. 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/advice. Immediately drink water and induce vomiting. Contact a doctor or poison control center for advice.

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

NOTE TO PHYSICIANS: Possible Aspiration Hazard. Note hazardous material component(s) (Section 2).**5) Fire Fighting Measurers****Flammable Properties**

Flash Point: 350°F (177°C) Method: Tag Closed Cup (TCC)

Flammable Limits:

Lower Flammable Limit: Unknown

Upper Flammable Limit: No Data

Autoignition Temperature: No Data

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

Extinguishing Media: Carbon Dioxide, 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.

Fire Fighting Instructions: if combusted, water spray may be used ineffective. Water spray may be used to cool containers to prevent pressure buildup and possible autoignition. Wear self-contained breathing apparatus with all appropriate turn-out

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gear and chemical resistant protective equipment

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 containers (even empty) with caution. Use recommended PPE when handling containers. Ensure availability of emergency eyewash and shower facilities.
- Storage:** Store closed containers in a cool, well ventilated place, away from ignition sources and incompatible material. Keep containers tightly closed.

8) Exposure Controls/Personal Protection

- Engineering Controls:** Ambient conditions should be adequate. Provide sufficient mechanical (general or local exhaust) ventilation to maintain exposure below TLV(s) listed in Section 2. Always provide mechanical ventilation of confined spaces.
- Respiratory Protection:** Not normally required. 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; may be appropriate up to 10X PEL. Consult your safety administrator. Respiratory protection should be used in compliance with OSHA standard 29 CFR 1910.134.
- Skin Protection:** During handling and application, wear chemical resistant gloves, rubber or Buna N. Wear clothing/coveralls appropriate for the risk of exposure.
- Eye Protection:** During handling and application, minimum recommended protection is safety glasses, with fixed side shields, in compliance with OSHA requirements. Chemical type splash proof goggles are advised.

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Boiling Point: Unknown
Melting Point: 70 - 75°F 21-24°C
Vapor Pressure: Unknown
Vapor Density: Heavier than air (>1)
Solubility in Water: Insoluble in water
Specific Gravity: 0.972 +/- 0.012
PH: Not applicable
Odor: Fatty odor
Appearance: Brown, viscous paste

10) Stability and Reactivity

Chemical Stability: Stable Product

Incompatibility (Conditions to Avoid): Avoid contact with or exposure to strong oxidizing agents. Spontaneous heating of Raybo 57 HS soaked rags may result in autoignition.

Hazardous Decomposition Products: Products of decomposition include carbon monoxide, carbon dioxide, hydrocarbons, and oxides of nitrogen.

Hazardous Polymerization: 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 of Material: 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: In unusual cases, certain pre-existing eye and skin disorders may be aggravated by exposure to this product.

12) Ecological Information

Ecotoxicological Information: No Data

Chemical Fate Information: No Data

13) Disposal Considerations

Disposal Information: As local regulations may vary, all waste must be disposed of in accordance with federal, state, and local

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environmental protection regulations. Perform a waste determination. As provided, Raybo 57 HS does **NOT** exhibit any of the hazardous characteristics of 40 CFR 261 Sub Part C and may be landfilled. Confer with landfill operator. If other means fail, incineration is the preferred disposal method. Preferably; to minimize waste, use only what you need for the application process. Store product properly for future use.

14) Transport Information

Land: USA: Paint Related Material (Non-regulated Liquid)

International: Paint Related Material (Non-hazardous Liquid)

Marine: IMDG/GGVSee: Paint Related Material (Non-hazardous Liquid)

Air ICAO/IATA: Paint Related Material (Non-hazardous Liquid)

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: None

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

SARA 313 Reportable: None

VOC (Volatile Organic Content): <0.08 lbs./gal (<10 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

CA Proposition 65: None Reported

International

Canadian NPRI:

Canadian WHMIS: Class D, Division 1, Sub B, Class E

CEPA (DSL) Canadian Environmental Protection Act: HMIRC #6724

AICS – Australian Inventory of Chemical Substances: Listed

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EINECS – European Inventory of Existing Commercial Chemical:	Listed
MITI – Japanese Existing & New Chemical Substances List:	Listed
IECSC – Chinese Chemical Substance List:	Listed

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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