

SAFETY DATA SHEET**Trade Name:** Raybo 68 HydroSlip**Version:** 1.0**Date:** 1-15-08**1) Identification of the Substance/Preparation and Company****Trade Name:** **Raybo 68 HydroSlip****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%
Ethanol CAS NO: 64-17-5 Einecs NO: 603-002-00-5	1000 PPM	1000 PPM	4.2%
Ethyl Acetate CAS NO: 141-78-6 Einecs NO:	400 PPM	400 PPM	0.4%

NOTE: CONTENTS PARTIALLY UNKNOWN

3) Potential Health Effects and Hazards

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

Eye: Contact/Exposure to liquid or high vapor concentrations can cause mild eye irritation. Symptoms include tearing and redness.

Skin: None reported.

Ingestion: Single dose oral toxicity is slight. Ingestion/swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing larger amounts may produce GI irritation.

Inhalation: Breathing of vapor or mist during normal handling and use is possible. Prolonged inhalation may result in slight respiratory irritation.

Chronic: No Data
(Information)

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(Information) No Data

Symptoms of Exposure: Signs and symptoms of exposure to this may include irritation to eyes and headache. If ingested, nausea and vomiting.

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/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: 150°F (65°C) Method: Tag Closed Cup (TCC)

Flammable Limits:

Lower Flammable Limit: No Data

Upper Flammable Limit: No Data

Autoignition Temperature: No Data

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

Extinguishing Media: As appropriate with surrounding media. Product does NOT support combustion.

Fire Fighting Instructions: As appropriate with surrounding media. Under fire conditions, containers may explode from steam pressure. While the material has a flash point, open containers of the material can NOT be ignited.

6) Accidental Release Measurers

Personal Precautions: Provide adequate ventilation. Wear appropriate personal protective equipment (PPE) and exclude those unprotected from the area. Eliminate all sources of ignition.

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Environmental Precautions: Prevent discharge to streams, lakes, or other bodies of water. Transfer to salvage vessel if possible. 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. 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. Do NOT use in or around high temperature areas. Capped containers may build up pressure when exposed to heat and may explode violently. PROTECT FROM FREEZING. Use recommended PPE when handling containers. Ensure availability of emergency eyewash and shower facilities.

Storage: PROTECT FROM FREEZING. Keep containers tightly closed. Store closed containers in a cool, well ventilated place away from ignition sources and incompatible material.

8) Exposure Controls/Personal Protection

Engineering Controls: Local exhaust should be adequate. Always provide mechanical ventilation of confined spaces.

Respiratory Protection: Not normally required with good ventilation. If vapor concentration becomes high, increase ventilation to reduce vapors or an approved (NIOSH/MSHA) respirator. Respirator type: chemical cartridge; mist, organic vapor; may be appropriate up to 10X PEL with dust (particulate) prefilter if applicable. 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 solvent/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 chemical splash proof goggles in compliance with OSHA requirements. Other type(s) 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: 17 mmHg @ 68°F
Vapor Density: Heavier than air (>1)
Solubility in Water: Soluble
Specific Gravity: 1.03 – 1.06
PH Range: 8.0 – 9.0
Odor: Mild organic odor

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Appearance: Water white liquid

10) Stability and Reactivity

Chemical Stability: Stable Product

Incompatibility (Conditions to Avoid): Avoid contact with or exposure to strong oxidizing agents. PROTECT FROM FREEZING.

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

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, skin, and respiratory 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 environmental protection regulations. Perform a waste determination. If regulations permit, sodium chloride may be added until the organics precipitate from the water. The water may be processed as industrial waste. Incinerate organics or consign to a Hazardous Waste Facility. Preferably; to minimize waste, use what you need for the application. Store product properly for future use.

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

International: Non-regulated Liquid

Marine: IMDG/GGVSee:

Air ICAO/IATA: Non-regulated 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: Reportable Quantities (RQ)
Ethyl Acetate 5000#

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

SARA 313 Reportable: None reported

HAP (Hazardous Air Pollutants) None

VOC (Volatile Organic Content):
Excluding Water: 0.50#/gal 59.92gm/L
Including Water: 0.28#/gal 33.55gm/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
Ethanol	64-17-5	X	X	X	X
Ethyl Acetate	141-78-6	X	X	X	X

CA Proposition 65: None Reported

International

Canadian NPRI:

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

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

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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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