

SECTION 1: IDENTIFICATION**Product Identifier**

Product Name	Product Form	Product Code
SLIDE-TEC™	Liquid	RH-650

Relevant identified uses of the substance or mixture:

Equipment slide and release protective coating.

Details of the supplier of the safety data sheet

Rhomar Industries, Inc.
2107 E. Rockhurst St.
Springfield, MO 65802 USA
T 417-866-5592; F 417-866-5593
solutions@rhomar.com

Emergency telephone number

1-800-535-5053

SECTION 2: HAZARDS IDENTIFICATION**Classification:**

Flammable liquids (Category 3)
Eye irritation (Category 2B)
Skin Irritation (Category 2)
Aspiration Hazard (Category 1)
Specific Target Organ Toxicity – single exposure (Category 1), central nervous system.



Signal Word:
Danger

Hazard Statements:

Flammable liquid and vapor.
May be fatal if swallowed and enters airways.
Causes skin and eye irritation.
May cause drowsiness or dizziness.

Precautionary Statements**Prevention:**

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wash face, hands and any exposed skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing/eye protection/face protection.
Avoid breathing mist/vapors/spray.

Response:

In Case of Fire: Consider carbon dioxide, dry chemical, dry sand or alcohol resistant foam to extinguish.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs.

Skin Contact: Take off contaminated clothing and wash before reuse. Wash with plenty of soap and water. If irritation occurs get medical advice/attention.

Inhalation: Remove person to fresh air and keep comfortable for breathing. Call poison center/doctor if you feel unwell.

Ingestion: Call a poison center or doctor/physician if you feel unwell. Rinse mouth

Disposal:

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	CAS #	Weight %
Hydrotreated Petroleum Distillate (Light)	64742-47-8	90-99
Polydimethylsiloxane	63148-62-9	1-5

Any concentration shown as a range is to protect confidentiality or is due to process variation.

SECTION 4: FIRST-AID MEASURES

First Aid Measures

Inhalation: Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call physician.

Eye Contact: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Ingestion: Rinse mouth. Call a Poison Center or doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing, wash with plenty of soap and water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed**Symptoms**

May cause skin and eye irritation.

Dizziness or drowsiness.

Indication of any Immediate Medical Attention and Special Treatment Needed**Note to Physician**

Treat symptomatically. Symptoms may be delayed.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Alcohol resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media: High volume water jet.

Specific Hazards Arising from the Chemical: Carbon oxides.

Protective Equipment and Precautions for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions: Use personal protective equipment as required. Avoid breathing vapor, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe area.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Eliminate all ignition sources. Prevent further leakage or spillage if safe to do so. Prevent discharge to open bodies of water, municipal sewers, and watercourses.

Methods for Cleaning Up: Use non-combustible material like vermiculite, sand or earth to soak up the product and place into a suitable container for later disposal. Following product recovery, flush area with water. Scrub area with detergent and water.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	CAS #	ACGIH – TLV	OSHA PEL	NIOSH
Hydrotreated Petroleum Distillate (Light)	64742-47-8	No data available	500ppm	No data available
Polydimethylsiloxane	63148-62-9	No data available	No data available	No data available

Appropriate Engineering Controls

Engineering Controls: Provide adequate ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear approved safety goggles/face shield where a splash hazard exists. Eyewash station is recommended.

Skin and Body Protection: Wear suitable protective clothing

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid		
Color	Colorless		
pH	No data available	Melting Point/Freezing Point	No data available
Boiling Point/Boiling Range	>300° F	Flash Point	107° F
Evaporation Rate	No data available	Flammability (Solid, Gas)	n/a, liquid
Upper Flammable Limits	No data available	Lower Flammable Limits	No data available
Vapor Pressure	1.95 mmHg @ 68° F	Vapor Density	3.9
Specific Gravity	0.79	Water Solubility	Negligible soluble in water
Solubility in Other Solvents	No data available	Partition Coefficient	No data available
Autoignition Temperature	No data available	Decomposition Temperature	No data available
Kinematic Viscosity	No data available	Dynamic Viscosity	No data available
Explosive Properties	Not an explosive	Oxidizing Properties	No data available
Odor	Hydrocarbon	Odor Threshold	No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: Heat, flames, sparks. Extremes of temperature and direct sunlight.

Incompatible Materials: Strong oxidizing agents, strong acids, strong bases.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide and/or low weight hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation: Avoid breathing vapors or mists.

Eye contact: Causes eye irritation

Skin Contact: Avoid contact with skin.

Ingestion: Harmful if swallowed.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

Chemical Name	CAS #	Oral LD50	Dermal LS50	Inhalation LC50
Hydrotreated Petroleum Distillate (Light)	64742-47-8	>5,000 mg/kg (Rat)	>2,000 mg/kg (Rabbit)	>5.2 mg/l 4h (Rat)
Polydimethylsiloxane	63148-62-9	>5,000 mg/kg (Rat)	>10,000 mg/kg (Rabbit)	>535 mg/l (Rat)

Chemical Name	Hydrotreated Petroleum Distillate (Light)	Polydimethylsiloxane
Skin corrosion/irritation	Mild irritation	No skin irritation
Serious eye damage/irritation	Mild irritation	No eye irritation
Respiratory or skin sensitization	Does not cause sensitization	Did not cause sensitization
Mutagenicity	Negative results	Negative
Carcinogenicity	No carcinogenic properties	No data available
Reproductive toxicity	No data available	No data available
Specific target organ toxicity single exposure	Central nervous system Inhalation may cause drowsiness or dizziness	No data available
Specific target organ toxicity repeated exposure	Causes mild skin irritation, causes serious eye irritation	No data available
Aspiration hazard	May be fatal if swallowed and enters airways	No data available

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity: This product does contain carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity: Not determined.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: There is no data available for this product as a whole.

Chemical Name	CAS#	Algae/Aquatic Plants	Fish	Aquatic Invertebrates	Crustacea
Hydrotreated Petroleum Distillate (light)	64742-47-8	No data available	LC50 (Oncorhynchus mykiss (rainbow trout)) 2.4 mg/l [static] 96h; LC50 Pimephales promelas: 45 mg/l {flow-through} 96h; LC50 Lepomis macrochirus: 2.2 mg/l [static] 96h	LC50 Dendronereides heteropoda (water flea): 4720 mg/l 96h	No data available
Polydimethylsiloxane	63148-62-6	No data available	No data available	No data available	No data available

Persistence and Degradability: No data available.

Bioaccumulation: No data available.

Mobility: No data available.

SECTION 13: DISPOSAL INFORMATION

Waste Disposal Method: Dispose of material in accordance with all Federal, State, and Local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

SECTION 14: TRANSPORT INFORMATION

DOT Proper Shipping Description

Bulk: UN1268, Petroleum distillates solution, N.O.S., (Mineral Spirits), 3, PGIII

Non-Bulk: Combustible, not regulated.

SECTION 15: REGULATORY INFORMATION

SARA Title III Section 311/312 (40CFR370): Fire, acute health hazards.

SARA Title III Section 313 (40CFR372): No reportable component.

RCRA Status (40CFR261.33): No reportable components.

TSCA Inventory Status: Reported/included.

OSHA/NTP/IARC Carcinogen Status: Not listed.

Canadian DSL Status: Reported/included.

Chemicals known to the State of California to cause cancer or reproductive toxicity: None

U.S. State Right-to-Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Hydrotreated Petroleum Distillate (light)	X	X	X
Polydimethylsiloxane	Not Listed	Not Listed	Not Listed

SECTION 16: OTHER INFORMATION

HMIS Ratings:

Health: 2
 Flammability: 2
 Reactivity: 0

Indication of changes: Revision-1

Date Sheet Prepared: 5/5/2025

The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

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