

SAFETY DATA SHEET

PRODUCT NAME: Hi-Ro Slip

DATE: 12/9/15

SECTION 1 - IDENTIFICATION

Product Name: Hi-Ro Slip
Recommended Use: Silicone Mold Release Additive
Company: Prosthetic Transfer Material LLC
Telephone: 818-232-8363
Emergency Chemtrec: 800-524-9300

SECTION 2 - HAZARDS IDENTIFICATION

Hazard classification: This material is considered hazardous under the OSHA Hazard Communication Standard 29CFR1910.1200
Classification of Hazard: Aspiration Hazard - Category 1

GHS Label Elements

Hazard Pictograms:



Signal Word: Danger
Hazard Statements: May be fatal if swallowed and enter airways.

Precautionary Statements

Prevention: Not Applicable
Response: If swallowed: Immediately call a poison center or physician. Do Not Induce Vomiting.
Storage: Store locked up.
Disposal: Dispose of contents and container in accordance with all local, regional, national & international regulations.
Other hazards: No data available

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Nature: This product is a mixture

<u>Component</u>	<u>CASRN</u>	<u>Concentration</u>
Mineral Oil	8042-47-5	70 - 80%
Trade Secret	Non-Hazardous	20 - 30%
Trade Secret	Non-Hazardous	0.5 - 1%

SECTION 4 - FIRST AID MEASURES

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact: Wash with soap and water.

Eye contact: Rinse with plenty of water. If eye irritation persists, see physician.

Ingestion: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed:

Potential Acute Health Effects:

Eye Contact: No known significant effects or critical hazards

Inhalation: No known significant effects or critical hazards

Skin Contact: No known significant effects or critical hazards

Ingestion: No known significant effects or critical hazards

Over-exposure signs/symptoms:

Eye Contact: No specific data.

Inhalation: No specific data.

Skin Contact: No specific data.

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Ingestion: Adverse symptoms may include nausea or vomiting.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments: No specific treatment

Protection first-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

SECTION 5 - FIREFIGHTING MEASURES

Extinguishing media: Use extinguishing media appropriate for surrounding fire. Do not use water jet.
Specific hazards: In fire or heated sealed container pressure will increase and may burst.
Unusual Fire and Explosion Hazards: Material can splatter above 212F/100C. Dried product can burn.
Special Protective actions for firefighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for firefighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Keep people away from and upwind of spill/leak. Material can create slippery conditions.

Environmental precautions: Caution - keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Methods and materials for containment and cleaning up: Contain spills immediately with inert materials (e.g., sand, earth). Transfer spilled material to suitable containers for recovery or disposal.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Wash thoroughly after handling. Keep container tightly closed.

Conditions for safe storage, including any incompatibilities: Keep from freezing - product stability may be affected. STIR WELL BEFORE USE. No incompatibilities known.

Storage stability - Storage temperature: 1 - 49 °C (34 - 120 °F)

SECTION 8 - EXPOSURE CONTROLS / PERSONAL

OSHA permissible exposure limit (PEL): TWA: 5mg/m³ 8 hours.

American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV) TWA: 5 mg/m³ 8hours

National Institute for Occupational Safety and Health (NIOSH) REL TWA: 5mg/m³ 10 hours Mist - STEL: 10 mg/m³ 8 hours

Engineering controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Protective measures: Facilities storing or utilizing this material should be equipped with an eyewash facility and good ventilation.

Individual protection measures

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with sideshields.

Skin protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Respiratory protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	Liquid viscous	Upper/lower explosive limits:	Not available
Odor:	Mild	Vapor pressure:	0.08 mmHG/68F(20C)
Odor threshold:	No data available	Vapor density:	No data available
pH:	Not available	Relative density:	0.85
Melting/freezing point:	32F (0C)	Water Solubility:	Insoluble
Boiling point:	299F (571C)	Partition coef: n-octanol/water:	>6
Flash point:	>233F (112C)	Auto-ignition temperature:	617F (325C)
Evaporation rate:	Not available	Decomposition temperature:	No data available
Flammability:	Not available	Viscosity (Brkfld LVT 77F(25C):	900cps - Spindle #3/60RPM

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: None known	Conditions to avoid: No data available
Chemical stability: Stable	Incompatible materials: None known
Possibility of hazardous reactions: Stable - none known	Hazardous decomposition products: None known

SECTION 11 - TOXICOLOGICAL INFORMATION

Likely routes of exposure

Inhalation: No adverse effects are anticipated from exposure to mist.
Ingestion: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.
Skin Contact: Contact is nonirritating. Prolonged contact may cause skin irritation.
Eye Contact: Prolonged direct contact to eyes may be slightly irritating. Corneal injury is unlikely.
Carcinogenicity: No relevant data found.

Information on ingredient toxicological effects

Acute Dermal Liquid - LD50 - Rabbit - > 2,000 mg/kg
Acute Oral Liquid - LD50 - Rat - >5,000 mg/kg
Acute Inhalation Mist - LC50 - Rat - >5mg/l 4 hours
Skin corrosion/irritation - Not available
Serious eye damage/eye irritation - Direct contact with eyes may cause temporary irritation.
Respiratory sensitization - Not available.
Skin sensitization - Not available
Germ cell mutagenicity - No data available to indicate material is mutagenic or genotoxic.
Carcinogenicity - Not available
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) - Not listed.
Reproductive toxicity - Not available
Specific target organ toxicity - single exposure - Not classified.
- repeated exposure - Not classified.
Aspiration hazard - ASPIRATION HAZARD - Category 1

Information on likely routes of exposure: Routes of anticipated entry - Oral, Dermal, Inhalation

Potential acute health effects:

Eye contact: No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.
Skin contact: No known significant effects or critical hazards.
Ingestion: May be fatal if swallowed and enters airways.

Potential Chronic health effects:

Not available

General : No known significant effects or critical hazards.
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards.
Developmental effects : No known significant effects or critical hazards.
Fertility effects : No known significant effects or critical hazards.

SECTION 12 - ECOLOGICAL INFORMATION

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Ecotoxicity: No data available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Observe all federal, state and local regulation for disposing of substance of this type.

SECTION 14 - TRANSPORT INFORMATION

U.S. Department of Transportation(DOT): Not regulated

SECTION 15 - REGULATORY INFORMATION

TSCA (Toxic Substances Control Act): All ingredients in this product are in compliance with the listing requirements of the TSCA.

SECTION 16 - OTHER INFORMATION

We have provided information in this Safety Data Sheet we believe is the best available at the date of publication. Information provided herein is not to be considered, in any way, to be a warranty or guarantee of performance or safety but as a general guide for the safe use, handling, processing, transport and disposal of the material that is the subject of this information. In all cases appropriate procedures and methods should be employed in the use, handling, processing, transport and disposal of this material. The information contained herein is related to the material described herein, as received, and is not to be construed or applicable to any modifications, mixtures or derivations thereof. Since conditions of use are beyond our control, Prosthetic Transfer Material LLC expressly disclaims all liability for the use or handling of this product. All risks of use are assumed by end-users.