

# MATERIAL SAFETY DATA SHEET

Trade Name: Heartland Super Slick Plus  
MSDS NO. 61134  
Revision Date: 05/11/2006  
Date Printed 05/11/2006

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Heartland Super Slick Plus  
Chemical Family: PETROLEUM HYDROCARBON OIL  
Synonyms: None  
Emergency Telephone (24 hr.): CHEMTREC 1-800-424-9300

Supplier: Heartland MFG. Co., PO Box 1520, Wheaton, IL 60189

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient/CAS No.	wt. %	OSHA PEL TWA	OSHA PEL Ceiling Limits	ACGIH TLV TWA	ACGIH TLV STEL
Lubricating Oil 64742-52-5	97-99	Not known	Mist 5 mg/m3	TLV Mist 5 mg/m3 8 HR.	Not Known
Trade Secret : Hitec 511	<1				
PTFE mixture Mixture	0.5-1.3				

## 3. HAZARDS IDENTIFICATION

**Emergency Overview:** This material is an eye and skin irritant. Harmful or fatal if liquid is aspirated into lungs. Danger: Harmful or fatal if swallowed. Harmful if absorbed through the skin. Keep away from heat, sparks, and flame.

**HMIS Classification:** Health: 2\* Flammability: 2 Reactivity: 0  
**NFPA Rating:** Health: 3 Flammability: 2 Reactivity 0

## 4. FIRST AID MEASURES

**Eye Contact:** In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

**Ingestion:** DO NOT INDUCE VOMITING. Give nothing by mouth. Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration. Pulmonary aspiration hazard if swallowed and/oil vomiting occurs - can enter lungs and cause damage.

**Inhalation:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

**Skin Contact:** Remove contaminated clothing and shoes, and launder before reuse. Wash with soap and water. If irritation persists or signs of toxicity occur, seek medical attention. If product is injected into or under the skin, or into any part of the body, the individual should be evaluated immediately by a physician as a surgical emergency.

## 5. FIRE FIGHTING MEASURES

### Flammable Properties

**Flash Point °F(°C):** >250 F  
**Flash Point Method:** COC  
**Flammable Limits in Air - Lower (%):** Not Determined  
**Flammable Limits in Air - Upper (%):** Not Determined  
**Autoignition Temperature °F(°C):** 600 F Estimated  
**Extinguishing Media:** Carbon dioxide. Dry chemical. Water. Foam.

### Protection Of Fire-Fighters:

**Special Fire-Fighting Procedures:** Wear approved positive-pressure self-contained breathing apparatus and protective clothing. Forms peroxides of unknown stability classified as combustible.

**Hazardous Combustion Products:** Carbon Dioxide. Carbon Monoxide. . Asphyxiants. Fumes and Smoke. Aldehydes. Forms peroxides of unknown stability.

**Aerosol Comments:** Not Applicable

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear appropriate protective clothing and equipment to prevent skin and eye contact. Do not ingest.

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**Spill Procedures:** Contain any liquid from leaking containers. Keep away from heat sparks and flames. Wear proper protective equipment as specified in the protective equipment section. Remove sources of ignition. Increase area ventilation. Absorb spills on inert material such as perlite, vermiculite, sand or dirt. Place in double polyethylene bags. Isolate from other waste materials.

**Environmental Precautions:** Do not allow to enter sanitary drains, sewer or surface and subsurface waters.

## 7. HANDLING AND STORAGE

**Handling and Storage:** Keep container closed when not in use. Avoid contact with skin and eyes. Use only in a well ventilated area. Keep away from food and smoking materials. Wash hands before eating and smoking. Keep away from heat and open flame. Do Not Swallow.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Showers. Eyewash stations. Use local exhaust.  
**Eyes:** Wear safety glasses or goggles to protect against exposure.  
**Skin Protection:** Use chemical resistant gloves for prolonged skin contact. Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and when leaving work.  
**Respiratory Protection:** Use in a well ventilated area. Use approved NIOSH respiratory protection if TLV exceeded..... Or over exposure is likely.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Milky brown liquid  
**Odor:** MILD PETROLEUM  
**pH Value:** Not Determined  
**Vapor Pressure:** Not Determined  
**Vapor Density (Air=1):** 9  
**Boiling Point (°F):** >300 F  
**Melting/Freezing Point:** Not determined.  
**Solubility in Water:** <15%  
**Bulk Density at 20°C:** Not Determined  
**Molecular Weight:** Mixture  
**Specific Gravity (H2O=1):** .86 @ 60 F  
**Viscosity:** 60 SUS @ 100 F  
**Evaporation Rate:** Not Determined  
**VOC Content(%):** Not determined.  
**Decomposition Temperature:** Not Known

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** STABLE. Can form peroxides of unknown stability.  
**Conditions to Avoid:** Keep away from heat, sparks and flame.  
**Materials to Avoid:** Strong oxidizing agents.  
**Hazardous Decomposition Products:** Carbon monoxide, and other asphxiants.  
**Hazardous Polymerization:** WILL NOT OCCUR

## 11. TOXICOLOGICAL INFORMATION

### Toxicological Data:

Ingredient/CAS No.	wt. %	Route	Species	Dose
Lubricating Oil 64742-52-5	97-99	NA	NA	Not known.
Trade Secret : Hitec 511	<1	Inhalation	Rats	Not known.
PTFE mixture Mixture	0.5-1.3	Inhalation	Rats	Not known.

### Carcinogenicity:

Ingredient/CAS No.	wt. %	IARC	NTP	OSHA
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Trade Secret : Hitec 511	<1	Not Listed	Not Listed	Not Listed
PTFE mixture Mixture	0.5-1.3	Not Listed	Not Listed	Not Listed

### 12. ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product.

### 13. DISPOSAL CONSIDERATION

**Waste Classification:** Not determined.

**Waste Management:** Not determined.

Disposal should be made in accordance with federal, state and local regulations.

### 14. TRANSPORTATION INFORMATION

**U.S. DOT:**

**Proper Shipping Name:** Not Regulated  
**Hazard Class:** Not Regulated  
**UN/NA Number:** Not Applicable  
**DOT Packing Group:** Not Applicable

**IMDG:**

**Proper Shipping Name:** Not Regulated  
**Hazard Class:** Not Regulated  
**Hazard Subclass:** Not Regulated  
**UN No.:** Not Regulated  
**Packing Group:** Not Regulated  
**Marine Pollutant:** No.

### 15. REGULATORY INFORMATION

**US Federal Regulations:**

Ingredient/CAS No.	wt. %	SARA 313	SARA 302	RQ	TPQ
Lubricating Oil 64742-52-5	97-99	Not Listed	Not Listed	NA	NA
Trade Secret : Hitec 511	<1	Toluene 1.6%	No EHS >1%		
PTFE mixture Mixture	0.5-1.3				

**SARA 311/312 Hazard Categories:** Not Determined.

**State Regulations:**

Ingredient/CAS No.	wt. %	California Prop. 65 Cancer list	California Prop. 65 Developmental Toxicity	California Prop. 65 Reproductive Female	California Prop. 65 Reproductive Male

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Lubricating Oil 64742-52-5	97-99	Not Listed	Not Listed	Not Listed	Not Listed
Trade Secret : Hitec 511	<1	Components listed (benzene, toluene)	Not Listed	Not Listed	Not Listed
PTFE mixture Mixture	0.5-1.3	Not Listed	Not Listed	Not Listed	Not Listed

**U.S. TSCA:** The components of this product are listed on the TSCA Inventory.

## 16. OTHER INFORMATION

**General Notes:** Do not allow undiluted material or large quantities to reach groundwater, bodies of water or sewer system.

**Disclaimer:**

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