

ROS20917100

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**MATERIAL SAFETY DATA SHEET**

This MSDS complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

**IDENTITY AND MANUFACTURER'S INFORMATION**

NFPA Rating: Health-1; Flammability-1; Reactivity-0; Special-	HMS Rating: Health-1; Flammability-1; Reactivity-0; Personal Protection-B
Manufactured For: Rose Products & Services, Inc.	DOT Hazard Classification: Non-Hazardous
Address: 545 Stimmel Road	Identity: ROSE THERMAL GUARD GREASE
Address: Columbus, Ohio 43223	
Phone: (614) 443-7647	MSDS Number: RL 735 Revision: E
Emergency Response Number:	Date Prepared: 04/20/93 Prepared By: ES/DL
NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA	Information Calls: (404)422-2071

**SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION**

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SAHA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
PETROLEUM OIL MIXTURE	8002-05-9	No	5mg/M3 TWA for oil mist	5mg/M3 TWA for oil mist	d

**SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point: N/A	Specific Gravity (H <sub>2</sub> O=1): 0.8
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): <0.01
Vapor Density (Air = 1): 12	Evaporation Rate ( = 1): N/A
Solubility in Water: Negligible	Water Reactive: No
Appearance and Odor: Metallic silver gel, with oil odor.	

**SECTION 3 - FIRE AND EXPLOSION HAZARD DATA**

FLAMMABILITY as per USA FLAME	Auto Ignition Temperature	Flammability Limits in Air by % In Volume:
PROJECTION TEST (aerosols) N/A	N/A	% LEL: N/D % UEL: N/D
FLASH POINT AND METHOD USED (non-aerosols): >400°F COC	EXTINGUISHER MEDIA: Dry chemical (preferred), carbon dioxide, foam, water.	
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.		
Unusual Fire & Explosion Hazards: Empty containers may retain product residue including flammable or explosive vapors. Do not cut, drill, grind or weld on or near full, part full or empty drum.		

**SECTION 4 - REACTIVITY HAZARD DATA**

STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
Incompatibility (Mat. to avoid): Chlorine or oxygen.	Conditions to Avoid: Oxidizing atmospheres.
Hazardous Decomposition Products: Thermal: unidentified organics. Oxidation: oxides of carbon.	

**SECTION 5 - HEALTH HAZARD DATA**

PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS
ACUTE EFFECTS:
Inhalation: Not expected to be a problem. Massive exposure to vapors or fumes may cause headaches, dizziness, and/or drowsiness.
Eye Contact: May cause irritation.
Ingestion: May cause vomiting, nausea, diarrhea.
CHRONIC EFFECTS: None noted.
Medical Conditions Generally Aggravated by Exposure: Dermatitis.

**EMERGENCY FIRST AID PROCEDURES\***

Eye Contact: Wash with large amounts of water. If irritation persists, call a physician.
Skin Contact: Remove contaminated clothing. Wash with soap and water.
Inhalation: Remove to fresh air.
Ingestion: DO NOT INDUCE VOMITING. Give 3-4 glasses of water. Seek medical attention.

**SECTION 6 - CONTROL AND PROTECTIVE MEASURES**

Respiratory Protection (specify type): None required.	Eye Protection: Splash goggles or safety glasses.
Protective Gloves: Oil resistant types.	
Ventilation Requirements: None required in excess to normal ventilation.	
Other Protective Clothing & Equipment: Oil resistant apron.	
Hygienic Work Practices: Do not work in oil soaked clothing. Wash after handling.	

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

<b>Steps To Be Taken if Material is Spilled Or Released:</b> Stop flow, dike spill, eliminate all ignition sources, absorb on inert material and scrape up.
<b>Waste Disposal Methods:</b> Dispose of in accordance with local, state and federal regulations.
<b>Precautions To Be Taken in Handling &amp; Storage:</b> Avoid prolonged exposure to mist and vapors. Avoid flames, sparks and hot surfaces. Keep containers closed. Shelf life one year.
<b>Other Precautions &amp;/or Special Hazards:</b> <b>KEEP OUT OF REACH OF CHILDREN.</b> Empty containers may contain explosive gas.
<i>We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.</i>

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. (a) NTP (b) IARC Monograph (c) OSHA (d) Not Listed (e) Animal Data Only