

MATERIAL SAFETY DATA SHEET

Manufacturer: Schaeffer Mfg. Company		Emergency Response Number:				
Address: 102 Barton Street		314-865-4105 (24-hour emergency number) or				
Address: St. Louis, MO 63104		800-325-9962				
SECTION 1 – PRODUCT INFORMATION						
Chemical Family: Petroleum Hydrocarbons and Additives		Trade Name: #199 Silver Streak® Wire Rope Lube Spray				
Formula: Proprietary Formulation						
SECTION 2 – HAZARDOUS INGREDIENTS						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	%	Exposure Limits			
			TVL		PEL	
			ppm	mg/m ³	ppm	mg/m ³
Antimony Dialkyldithiocarbamate	15890-25-2	1-3		0.5		0.5
Olefin Copolymer Tackiness Additive	Mixture	1-2	NE		NE	
Molybdenum Disulfide	1317-33-5	1-3		10		15
Graphite	7782-42-5	1-3		2		15 MPCCF
Acetylene Black	1333-86-5	1-3		3.5		3.5
Aluminum Paste	7429-90-5	0.5-1		10		15
Mixture of Petroleum Base Oils	64742-16-1, 64742-62-7, 64742-57-0, 64741-56-6, 64742-01-4	15-25		5		5
Tall Oil Fatty Acid	61790-12-3	30-40		5		5
Polyalphaolefin Base Oil	68037-01-4	5-10		5		5
Light Aliphatic Solvent Naphtha (Petroleum)	64742-89-8	20	400		500	2,000
Propane (propellant)	74-98-6	1-2	2500		1000	
Isobutane (propellant)	75-28-5	<1	800		800	
Section 3 – PHYSICAL DATA						
Boiling Point:	>300°F/148.89°C	Specific Gravity:	.9533			
Vapor Pressure (mm. Hg):	Not Determined	% Volatile:	20			
Vapor Density (Air = 1):	Not Determined	Evaporation Rate: (=1)	Not Determined			
Solubility in Water:	Insoluble	pH:	Not Applicable			
Appearance and Odor: Silver black color, tacky, petroleum odor.						
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA						
Flash Point (Method) °F/°C:) (Non-Aerosols Base		Flammability Limits UEL & LEL ---- Not Determined				
Product°F/°C : 210°-220°F/98.89°-104.44°C C.O.C. (ASTM D-92)						
Flammability as per USA Flame Projection Test (aerosols):						
Flammable						
Extinguishing Media: Carbon dioxide foam, dry chemical foam, sand, earth, waterfog.						
Special Fire Fighting Procedures: For fires involving this material, do not enter any enclosed or confined space without protective equipment including self-contained breathing apparatus.						
Unusual Fire & Explosion Hazards: Dense black smoke. Vapors are heavier than air and may travel a considerable distance to a source of ignition and flash back						
SECTION 5 - REACTIVITY HAZARD DATA						
STABILITY	<input checked="" type="checkbox"/> STABLE	<input type="checkbox"/> UNSTABLE	Hazardous Decomposition <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR			
Conditions to Avoid: High heat, sparks or open flame						
Incompatibility (Mat. to avoid): Strong oxidizers and reducers						
Hazardous Decomposition Products: Oxides of carbon, sulfur and by products of incomplete combustion.						
Conditions to Avoid: None						
SECTION 6 - HEALTH HAZARD DATA						
Threshold Limit Value and Sources: 5.0/mg/m ³ for oil mist. OSHA & ACGIH.						
Acute Effects of Overexposure:						
Ingestion:	Nausea and Diarrhea. Product is an aspiration hazard if swallowed. Fatigue, pneumonitis, pulmonary edema, central nervous system depression.					
Eye Contact:	Irritation and redness to eyes					
Skin Contact:	Prolonged and repeated contact with the skin can cause irritation and redness to skin.					
Inhalation:	Exposure to moderate concentrations may cause headache, nausea and blurred vision. Overexposure may produce central nervous system depression..					
CHRONIC EFFECTS OF OVEREXPOSURE: Repeated overexposure may cause kidney and liver damage.						
Emergency and First Aid Procedures:						
Swallowing:	If conscious give 2 glasses of water to drink. Do not induce vomiting. Seek medical attention immediately.					
Skin:	Wash skin thoroughly with soap and water. Launder contaminated clothing. If irritation persists, seek medical attention.					
Inhalation:	Remove victim to fresh air. If breathing is labored administer oxygen. If breathing has stopped start artificial respiration immediately.					
Eyes:	Flush eyes with clear, cool, clean water for 15 minutes. Seek medical attention immediately					

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SECTION 7 – SPILL OR LEAK PROCEDURES	
Environmental Impact: This material is not expected to present any environmental problems other than those associated with oil spills. If spilled into a watercourse, call the Coast Guard Toll Free No. 800-424-8802.	
Procedures To Be Taken If Material Is Released or Spilled: Absorb large spills with absorbent clay or other suitable material. Shovel up and place in a hazardous waste disposal drum. Keep out of sewers and watercourses. Personnel should wear adequate personal protective equipment and clothing.	
Waste Disposal Method: Dispose of at an approved waste or disposal site facility in accordance with all applicable federal, state and local laws and regulations. This product is not considered to be an RCRA hazardous waste.	
SECTION 8 – SPECIAL PROTECTION INFORMATION	
Respiratory Protection:	None required under ordinary conditions of use. If solvent vapors are 1000 ppm use half mask organic vapor respirator. Up to 5000 ppm use full face respirator.
Ventilation:	Local or dilution ventilation to keep solvent vapors below 100 ppm.
Eye Protection:	Chemical safety goggles or full face shield.
Protective Clothing:	Oil resistant or solvent resistant gloves.
SECTION 9 – SPECIAL PRECAUTIONS	
Precautions To Be Taken In Handling and Storage: Do not store near heat, spark, flame or strong oxidizers. Avoid contact with skin and eyes. Avoid breathing vapors.	
Special Comments: Keep containers closed when not in use. Keep away from flame or strong oxidants. Do not eat, drink or smoke in work area. Wash hands prior to eating, smoking and using toilet facilities. Launder contaminated clothing before reuse. Throw away oil soaked shoes.	
SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA	
<p>HMIS & NFPA Ratings: Health = 2 Fire = 4 Reactivity = 0</p>	
<p>This product does not contain any of the chemicals listed on the National Toxicology Program Annual Reports on Carcinogens, The International Agency for Cancer Research Monographs and OSHA's 1910.10 Subpart Z List.</p> <p>This product does not contain any chemicals that are found on the State of California's Proposition 65 List for chemicals classified as potential reproductive or cancer causing agent.</p> <p style="text-align: center;">SARA Title III Information:</p> <p style="text-align: center;">This product contains 1-3% Antimony Dialkyldithiocarbamate CAS#15890-25-2</p> <p>All components in this material are on the US TSCA Inventory List. All components of this material are in compliance with the Canadian Environmental Protection Act, the EC Seventh Amendment Directive 92/32/EEC and the chemical notification requirement of Australia, Austria and the Environmentally Hazardous Substance Ordinance of Switzerland.</p>	

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