

Handpiece Lubricant

Date of Preparation: 09/27/04

MSDS No. 63036E HANDPIECE LUBRICANT

Revision Date: 04/30/07

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Handpiece Lubricant

General Use: Lubricant dispersed in flammable hydrocarbon solvent

Manufacturer: Schafco/Schaefer Paint Co.

730 Georgetown Road

Ronks, PA 17572

717-687-7017

Emergency Phone #: 1-717-291-1161

Information Phone #: 1-866-DTE-INFO

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol
Naptha (petroleum), light alkylate	64741-66-8	50.0
Product formulation is proprietary No other ingredients are known to be hazardous under normal usage.		

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	T WA	S TEL	
Naptha (petroleum), light alkylate ¹	500 ppm	NE	100 ppm	NE	350 mg/m ³	N E	20,000 mg/m ³
Oil Mist	5 mg/m ³	NE	5 mg/m ³	NE	5 mg/m ³	10 mg/m ³	2500 mg/m ³

¹ Manufacturer's workplace exposure guideline is 400 ppm TWA.

NE = None Established

Section 3 - Hazards Identification

Emergency Overview

Summary of risks: *This material contains a flammable solvent.* Store away from heat or open flame. May be irritating to the eyes and respiratory tract. Overexposure may cause central nervous system depression. Vapors can reduce the amount of oxygen available for breathing.

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[†] Sec. 8

Potential Health Effects

Eye Contact: May cause irritation, pain and possible corneal damage.

Skin Contact: May be absorbed through the skin. Repeated or prolonged skin contact may cause dryness, reddening, itching and inflammation. May cause allergic reactions in some individuals. Frequent daily exposure could conceivably result in the de-fatting of the skin leading to dermatitis.

Inhalation: May irritate the respiratory tract and mucous membranes. Exposure over occupational limits causes central nervous system depression ranging from dizziness to unconsciousness, narcosis, coma, respiratory failure and death.

Ingestion: Ingestion of large amounts causes symptoms similar to those listed under "Inhalation".

Primary Route(s) of Entry: Inhalation, eye contact, skin contact.

Target Organs: Respiratory passages, eyes, skin.

Medical Conditions Aggravated by Long-Term Exposure: Skin contact may aggravate an existing dermatitis.

Carcinogenicity: IARC, NTP, and OSHA do not list Handpiece Lubricant or its ingredients as carcinogens.

Section 4 - First Aid Measures

Eye Contact: Flush thoroughly with water for at least 15 minutes. Get immediate medical attention.

Skin Contact: Remove contaminated clothing. Wash exposed area with soap and water. Get medical attention if symptoms persist.

Inhalation: If symptoms develop, remove affected person from source of exposure into fresh air. Get immediate medical attention. If person is not breathing, give artificial respiration. If breathing is difficult, administer oxygen if available.

Ingestion: Get immediate medical attention. Do not induce vomiting unless instructed to do so by a physician.

Section 5 - Fire-Fighting Measures

Flash Point: 18°F (-8°C)

Flash Point Method: TCC, ASTM D56

Lower Flammable Limit (LFL): 1.5%

Upper Flammable Limit (UFL): 11.6%

Autoignition Temperature: 750°F (399°C)

OSHA/NFPA Flammable/Combustible Liquid Classification: IB

Extinguishing Media: CO₂, dry chemical, foam. Water spray may be used to keep fire exposed containers and structures cool, dilute spills to non-flammable mixtures and to protect personnel.

Unusual Fire or Explosion Hazards: Vapors form a flammable mixture with air. Avoid contact with high-energy sparks, flames, or high-intensity sources of heat. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, open flames, sparks and other sources of ignition at locations distant from material handling point. Vapors may accumulate in low and confined areas. Never use welding or cutting torches on or near containers (even empty), because product (even just residue) can ignite explosively.

Hazardous Combustion Products: Sulfur oxides, aldehydes, carbon monoxide and small amounts of other toxic fumes.

Fire-Fighting Instructions: Wear a NIOSH approved positive pressure self-contained breathing apparatus with full protective clothing. Do not release runoff from fire control methods to sewers or waterways.

Section 6 - Accidental Release Measures

Spill Response: Observe precautions from other sections. Eliminate all ignition sources. Ventilate area, especially low places where heavy vapors may collect. Contain any spill with dikes or absorbents to prevent migration and entry into drains, sewers or bodies of water. Take up small spills with absorbent. Large spills may be taken up with pump or vacuum and finished off with absorbent. Wipe or scrape up saturated absorbent and place it in a proper container for disposal. Wash walking surfaces thoroughly to reduce slipping hazard. Follow applicable OSHA (29 CFR 1910.120), state and local regulations.

Section 7 - Handling and Storage

Handling Precautions: Exercise ordinary care in handling industrial lubricants. Avoid breathing vapors and mists. Avoid contact with eyes, skin and clothing. Avoid contamination of cigarettes or other tobacco products. Wash hands thoroughly before eating or smoking. Remove contaminated clothing and clean before reuse. Users should be alert to the possibility that very small percentages of the population may display unexpected allergic reactions to otherwise innocuous industrial lubricants and raw materials. Use proper grounding and bonding procedures when dispensing material.

Storage Requirements: Do not store in open or unlabeled containers. Store in well-ventilated, cool, dry areas away from heat, sources of ignition and incompatibles.

Section 8 - Exposure Controls / Personal Protection

Eye Protection: Avoid eye contact. Wear safety glasses or chemical goggles in accordance with OSHA 29 CFR 1910.133.

Skin Protection: Avoid skin contact. Wear chemical protective gloves. Depending upon conditions of use, additional protection may be necessary such as a face shield, apron, etc.

Ventilation: Local exhaust ventilation is required at point of use if airborne concentrations are at or above recognized health and safety levels. Ventilation and other forms of engineering controls are the preferred means for controlling chemical exposures.

Respiratory Protection: Avoid breathing vapors and mists. If exposure limits are exceeded or if irritation or symptoms are experienced, NIOSH approved respiratory protection should be worn. Normally, a NIOSH approved respirator for organic vapors is generally acceptable. For high concentrations and for oxygen-deficient atmospheres, use a NIOSH approved air-supplied respirator. Respiratory protection must be provided in accordance with OSHA 29 CFR 1910.134.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Other Precautionary Information: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Appearance and Odor: Clear-to-opaque liquid with characteristic petroleum odor.

Vapor Pressure: 63mmHg at 20°C

Vapor Density (Air=1): 3.9

Formula Weight: Not Calculated

Specific Gravity (H₂O=1, at 4 °C): 0.70

pH: Neutral

Water Solubility: Negligible

Boiling Point: 97 to 105°C (207 to 221°F)

Pour Point: Below -18°C (solvent)

% Volatile: 80

Evaporation Rate (Butyl Acetate=1): 5.6

Section 10 - Stability and Reactivity

Stability: Handpiece Lubricant is stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: This product will not undergo hazardous polymerization.

Chemical Incompatibilities: Strong oxidizing materials.

Conditions to Avoid: Heat or flame.

Hazardous Decomposition Products: Thermal oxidative decomposition of Handpiece Lubricant can produce sulfur oxide, aldehydes, carbon monoxide as well as small amounts of other toxic fumes.

Section 11- Toxicological Information

Toxicity Data: None available.

Section 12 - Ecological Information

Environmental Fate and Effects: No data has been established for this product.

Section 13 - Disposal Considerations

Disposal: Contact a licensed waste-disposal contractor for detailed recommendations.

Disposal Regulatory Requirements: Must be disposed of by a licensed firm. Follow applicable federal, state, and local regulations.

Section 14 - Transport Information

DOT Hazard Class (49 CFR 172.101): Petroleum Distillates, n.o.s. Solution, 3, UN1268, II

Section 15 - Regulatory Information

TSCA:

All components of this product are listed on the TSCA inventory.

EPA Regulations:

SARA 311/312 Hazard Class (40 CFR 370)

Immediate (Acute) Health Hazard	No	Sudden Release of Pressure Hazard	No	Reactive Hazard	No
Delayed (Chronic) Health Hazard	No	Fire Hazard	Yes		

SARA 313 Toxic Chemicals (40 CFR 372)

No ingredients listed	<u>CAS Number</u>	<u>%</u>
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SARA Extremely Hazardous Substances (40 CFR 355)

No ingredients listed	<u>CAS Number</u>	<u>%</u>	<u>Threshold Planning Quantity (TPQ)</u>
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CERCLA Hazardous Substances (40 CFR 302)

No ingredients listed	<u>CAS Number</u>	<u>%</u>	<u>Reportable Quantity (RQ)</u>
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Section 16 - Other Information

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