



SERVING THE METALLIZING INDUSTRY

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SILICONE 702 (VACUUM PUMP OIL)

SDS Health & Safety Information Rev: 10-April-2017

1. Product & Company Identification

Product: Silicone 702 Vacuum Pump Oil

Usage: Hydraulic fluids and additives

Midwest Tungsten Service, 540 Executive Drive, Willowbrook, IL 60527

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2. Hazards Identification

This product is not considered harmful to human health, but should always be handled in accordance with good industrial health and safety standards. Specific Hazards: None. Do not swallow. Harmful to aquatic life.

3. Composition / Information on Ingredients.

Silicone fluid (Linear and Cyclic Phenyl-Methyl Siloxanes).

4. First Aid Measures

General Advice: None.

Inhalation: Move to fresh air in case of accidental inhalation of vapors or decomposition products. If symptoms persist, obtain medical advice.

Skin Contact: Wash with soap and water. Remove contaminated clothing and wash it before re-use.

Eye Contact: Rinse with copious amounts of water. In the event of persistent irritation, consult Doctor.

Ingestion: Rinse mouth. Do not induce vomiting without first seeking medical advice.

Medical Advice: If aspiration occurs, even if it is unlikely, transport casualty immediately to hospital.

5. Fire Fighting Measures

Suitable Extinguishing Media: Foam, Dry powder, Dry chemical.

6. Accidental Release Measures

Personal Precautions: Use personal protective equipment and clothing.

Environmental Precautions: Do not discharge or wash product into drainage system. Protect drains from potential spills, use suitable barrier equipment to minimize contamination.

Methods for Clean Up: Use suitable absorbent material to absorb oil and dispose in accordance with government and/or state regulations.

7. Handling and Storage

Technical Measures/Precautions: Avoid oil mist, ensure appropriate ventilation.

Safe Handling Advice: Avoid contact with eyes and skin. Change contaminated clothing.

Technical Measures/Storage Conditions: Keep container closed and away from potential heat sources.

Incompatible Products: Do not store together with flammable products or strong oxidizing agents.

Packing Material: Glass, Metal, or Polyethylene container.

8. Exposure Controls/Personal Protection

Engineering measures: Appropriate ventilation only, if oil mist is generated (under normal conditions not encountered).

Personal protection equipment:

Eye protection: Safety glasses, only if risk of splashes.

Hand protection: Impervious gloves, if prolonged contact.

Hygiene measures: Wash hands before breaks and immediately after handling.

9. Physical & Chemical Properties

Form: Liquid of medium Viscosity

Color: Water White

Odor: None

pH: Neutral

Flash Point: > 200° C

Auto Ignition Temperature: > 400° C

Explosive Properties: On atomization or under thermal load.

Relative density: (25° C) 1.070.02g/ml

Solubility: Water Solubility: Insoluble

10. Stability & Reactivity

Stability: Under normal conditions stable.

Materials To Avoid: Contact with strong oxidants.

Hazardous decomposition products: Products arising as a result of incomplete combustion, Carbon Monoxide CO and Carbon Dioxide CO₂ are generated.

11. Toxicological Information

Animal Data: None.

Acute Toxicity: LD50: Not Determined LCSO: Not Determined

Further Information: Excessive exposures may affect human health, as follows:

Eye Contact: Irritation

Skin Contact: Irritation

Inhalation: Under normal conditions unlikely, due to low vapor pressure. May cause irritation if exposure to vapor of thermal decomposition products occurs.

12. Ecological Information

Mobility: Product may penetrate the soil and cause contamination of ground water.

Aquatic Toxicity: Spills will add to water sediments possibly causing physical damage to organisms.

Oxygen transfer could also be impaired.

Persistence and Degradability: Not known

Bioaccumulative Potential: Not known

13. Disposal Considerations

Waste from Residues / Unused Products: According to local government and/or state waste regulations (by controlled incineration). Most states have regulations forbidding disposal of waste into marine or sewer environments.

Contaminated Packaging: Dispose of product and container carefully and responsibly.

14. Transport Information

This product is classified as non Hazardous in respect to Transport by Land, Sea, Air.

UN Number: None

Packing Group: None

C.A.S. Number: 8042-47-5

ICAO /IATA Trem Card: None I.M.D.G.

E.E.C. Number: 232-455-8 A.D.R.

Emergency Action Code: Suggested 3 [Z]

15. Regulatory Information

Not classified as hazardous for supply. The product is a preparation, included components are listed substances.

16. Other Information

This data sheet should be passed to the person responsible in those departments within your company, where products are used or stored. Midwest Tungsten Service strives to provide information which is as error free as possible and in good faith. Customers are advised to conduct adequate research and ensure that their local health and safety (SDS) requirements are met before use.