

MATERIAL SAFETY DATA SHEET

Emergency Telephone: 800-551-3087

Section 1: Chemical Product and Company Information

Identity:	Silicone Oil	MSDS No.	OI- 070
Product ID:	481-0659, 481-0805, 481-0385, 480-0140	Issued:	06/24/2005
Synonyms & Common Names:	Silicone Oil, Polydimethyl siloxane, Dimethyl polysiloxane	Supersedes:	10/20/2004
Uses:	Lanier LP138c, LP238c, AP206	Date:	06/24/2005
Chemical Formula:	single	Prepared by:	EH&S Department 770-496-9500
		Approved by:	Larry Choskey, Manager, CEH&S
		European Contact:	Walter Fricke, Manager, Safety & Environment, Lanier Worldwide, Inc. Im Taubental D-41468 Neuss, Germany +49-2131-387-177

Section 2: Composition / Information on Ingredients

Component	Percent	CAS No.	Exposure Limits	Source
Dimethyl polysiloxane	100	63148-62-9	N/a	N/a

Section 3: Hazards Identification

HMIS Rating:
FLAMMABILITY = 1
REACTIVITY = 0
HEALTH = 1
SPECIAL = none

Health Hazards (Acute, Chronic, Immediate and Potential):

Eye: Direct eye contact may cause temporary discomfort with mild redness and dryness similar to windburn.

Skin: A single prolonged exposure (24 to 48 hours) causes no known adverse effect.

Inhalation: No irritation to eyes and respiratory passages. No injury is likely from relatively short exposures of less than 8 hours.

Oral: Small amounts transferred to the mouth by fingers during use, etc., should not cause injury. Swallowing large amounts may cause digestive discomfort.

Health Hazards of Long Term exposure (Chronic): Non-known

Comments: When heated to temperatures above 150°C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard; known skin and respiratory sensitizer; and an irritant to the eyes, nose, throat, skin, and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limit for formaldehyde. Read the additional information below in Section 11, Toxicological Information, Other Information.

This product is not a hazardous material as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Section 4: First Aid Measures

Inhalation:	No first aid should be needed.	Eye Contact:	In case of contact, immediately flush eyes with water for 15 minutes. Get medical attention if needed.
Skin Contact:	Remove product from skin with a dry cloth or towel. Wash with soap and water. Treat symptomatically.	Ingestion:	Wash out mouth with water provided person is conscious. Get medical attention.

Section 5: Fire Fighting Measures

Suitable extinguishing media: CO₂, dry chemical, foam or water.

Unusual Fire and Explosion Hazards: none.

Extinguishing media which may not be used for safety reasons: none

Flammability limits in Air: Not determined

Flash point (Open Cup): 300 °C Min.

Special protective equipment for fire fighters: none

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Section 6: Accidental Release Measures

Containment/Clean-up: Disposal of collected product, residues, and cleanup materials may be governmentally regulated. Observe all applicable local, state and federal waste management regulations. Mop-up or wipe up or soak up with absorbent and contain for salvage or disposal. For large spills, provide diking or other appropriate containment to keep material from spreading. Clean any remaining slippery surfaces by appropriate techniques, such as: several moppings or swabbings with appropriate solvents; washing with mild, caustic detergents or solutions; or high pressure steam for large areas. Observe any safety precautions applicable to the cleaning material being used. Observe all personal protection equipment recommendations described in Sections 5 and 8. Local, state and federal reporting requirements may apply to spills or releases of this material into the environment. See applicable regulatory compliance information in Section 15.

Section 7: Handling and Storage

Special Handling: Keep container closed when not in use.
Special Storage: Store in a cool place. Keep away from heat and flame. Do not lay container on its side.
Avoid contact with eyes and prolonged or repeated skin contact. Keep out of reach of children.
Do not reuse this container. Do not puncture or cut this container. Do not weld on or near this container.

Section 8: Exposure Control and Personal Protection Information:

Respiratory Protection: See section 11 Toxicological Information. **Suitable Gloves:** plastic film, latex or nitrile gloves
Eye Protection: Use proper protection – safety glasses at a minimum. **Skin Protection:** Wash with soap and water after handling.
Ventilation: Local exhaust: See section 11 Toxicological Information. **Other:** Eye wash equipment
General ventilation: recommended

Section 9: Physical and Chemical Properties

CHARACTERISTICS:

Appearance:	Colorless	Melting point:	N/a
Form:	Liquid	Vapor pressure:	Negligible
Odor:	Odorless	Vapor density:	Not determined
Solubility in Water:	None	Evaporation rate:	Negligible
Specific gravity:	0.97	Boiling point:	n/a
Volatile content:	Not determined	Fat solubility:	N/a

Section 10: Stability and Reactivity

Conditions to avoid: none Materials to avoid: None. Stability: Stable
Hazardous decomposition products: None

Section 11: Toxicological Information:

Acute Toxicity (LD50): LD50 (oral/rat) > 5g/kg estimated by similar dimethylpolysiloxane
Carcinogenicity:
NTP: Not listed IARC: Not listed OSHA Regulated: Not listed
Other Information: When heated to temperatures above 150°C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard; known skin and respiratory sensitizer; and an irritant to the eyes, nose, throat, skin, and digestive system. Use adequate ventilation or wear protective equipment such as gloves, goggles or protective clothing when this product is heated.

Section 12: Environmental / Ecological Information

No information available.

Section 13: Disposal Consideration

Can be burned in a chemical incinerator equipped with an afterburner and scrubber. Do not dispose the empty container unlawfully. Empty containers may be disposed of in the trash. Observe all federal, state and local laws.

Section 14: Transportation Information

DOT Information (49 CFR 172.101)
None. This is not a hazardous product.

Information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. On the basis of the data available to us, this product is not a dangerous substance. One should, however, observe the usual precautionary measures for dealing with chemicals.

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Section 15: Regulatory Information

TSCA Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements. Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Supplemental State Compliance Information:

New Jersey: CAS No> 63148629; Polydimethylsiloxane 100%

Pennsylvania: CAS No> 63148629; Polydimethylsiloxane 100%

Section 16: Miscellaneous Information

Judgment as to the suitability of information contained herein for user's purposes is the responsibility of the purchaser. Therefore, although reasonable care has been taken in the preparation of this information, Lanier Worldwide, Inc. extends no warranties, makes no representations, and assumes no responsibility as to the accuracy or suitability of such information for application to user's intended purposes or for consequences of its use. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we do not guarantee that these are the only hazards that exist.

Information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. On the basis of the data available to us, this product is not a dangerous substance. One should, however, observe the usual precautionary measures for dealing with chemicals.