
1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Code	50SS0512
Trade Name	SOL-50 High Purity Silicone Oil
Manufacturer/Supplier	Gotparts747
Address	PO BOX 320072 Los Gatos, CA 95032
Phone Number	(888) 563-4523
Emergency Phone Number	(888) 563-4523
Chemtrec #	(800) 424-9300
MSDS first issued	January 7, 2012
MSDS data revised	February 22, 2012
Prepared By:	Environmental, Health & Safety Department
Local Sales Company	Gotparts747 PO BOX 320072 Los Gatos, CA 95032

2. COMPOSITION/INFORMATION ON THE INGREDIENTS

Component Name	CAS# / Codes	Concentration
Polydimethylsiloxane	63148-62-9	>60%

3. HAZARD IDENTIFICATION

Main Hazards	None present. This is not a hazardous material as defined in the OSHA Hazard Communication Standard.
Routes of Entry	Inhalation, ingestion, eye and skin contact, absorption.
Carcinogenic Status	Not considered carcinogenic by NTP, IARC and OSHA
Health Effects - Eyes	Direct contact may cause temporary redness and discomfort.
Health Effects - Skin	No significant irritation expected from a single short-term exposure.
Health Effects - Ingestion	Low ingestion hazard in normal use.
Health Effects - Inhalation	No significant effects expected from a single short-term exposure.

4. FIRST AID MEASURES

First Aid - Eyes	Immediately flush the eye with plenty of water.
First Aid - Skin	No first aid should be needed.
First Aid - Ingestion	No first aid should be needed.
First Aid - Inhalation	No first aid should be needed.
Advice to Physicians	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use water spray, alcohol foam, dry chemical or carbon dioxide. Keep containers and surroundings cool with water spray.
Special Fire-Fighting Procedures	Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.
Protective Equipment for Fire-Fighting	Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures	In case of spill, remove any sources of ignition. Keep people away. Dike the spilled material where possible. Absorb the spilled material with earth or similar inert material. Prevent material from entering waterways, sewers, basements or confined areas.
Personal Precautions	Wear appropriate protective clothing. Wear respiratory protection if in confined area.
Environmental Precautions	Prevent the material from entering drains or water courses. Do not discharge directly to a water source.

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes. Keep container tightly closed.
Storage	Store in original container. Storage area should be cool dry area.
Other	None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards	
Engineering Control Measures	Use general ventilation where possible, in confined or enclosed spaces.
Respiratory Protection	Non required.
Hand Protection	Non required.
Eye Protection	Chemical safety goggles as handling conditions require.
Body Protection	For general exposure use good industrial hygiene practices in handling this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Color	Crystal Clear
Odor	None
Specific Gravity (g/ml)	0.96 @ 25°C
pH	Not determined.
Boiling Range/Point (°C/F)	202°C (395°F)
Flash Point (OC) (°C/F)	> 214 °F / > 101.1 °C (Closed Cup)
Explosion Limits (%)	Not determined.
Solubility in Water	Insoluble
Evaporation Rate	Slower than ether.
Vapor Pressure	<0.3 mmHg @ 20°C

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to Avoid	Oxidizing materials.
Incompatibilities	With other material: strong reducing agents, strong oxidizing agents
Hazardous Polymerization	Will not occur. Material does polymerize into adhesive-like film.
Hazardous Decomposition Products	Thermal degradation produces monomer and water vapors, low molecular weight hydrocarbons, and oxides of carbon and sulfur.

11. TOXICOLOGICAL INFORMATION

Acute Data	No data is available for this product. It is expected to have minimal health hazards when properly used and handled.
Chronic/Subchronic Data	Not determined.
Additional Data	None known.

12. ECOLOGICAL INFORMATION

Mobility	No data available.
Persistence/Degradability	The product is expected to be readily biodegradable.
Bio-accumulation	Product is not expected to bio accumulate.

12. ECOLOGICAL INFORMATION

Ecotoxicity	This product is expected to be non-hazardous to aquatic species.
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13. DISPOSAL CONSIDERATIONS

Product Disposal	Dispose of waste and unused material in accordance with local, state and federal regulations. Under RCRA, it is the responsibility of the product's user to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. If additional information is required, contact Applied Chemical Labs Technical Services.
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Container Disposal	Labels should not be removed from containers until they have been cleaned. Empty containers may contain hazardous residues. Dispose of containers with care.
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14. TRANSPORT INFORMATION

DOT Ground:	Not Regulated.
UN Proper Shipping Name	Non Regulated
UN Class	Non Regulated
UN Number	Not Classified
UN Packaging Group	Not Classified Not Regulated as Dangerous Goods
N.O.S. 1:	Not applicable.
N.O.S. 2:	Not applicable.
Subsidiary Risks	None.
CERCLA RQ	None.
Marine Pollutant	None.

15. REGULATORY INFORMATION

TSCA Sec.12(b) Export Notification	Toxic Substance Control Act (TSCA) Section 12(b) Export Notification (40CFR 707, Subt D) Inventory status: All ingredients of this product are listed on the TSCA inventory (See section 12(b) for the CAS numbers)
RCRA Hazard Waste No	Not Regulated.
CRCLA	No.
California Proposition 65	This product contains the following materials which the State of California has found to cause cancer, birth defects or other reproductive harm: NONE
SARA TITLE III-Section 311/312	None

15. REGULATORY INFORMATION

Categorization (40 CFR 370)**SARA TITLE III-Section 313 (40 CFR 372)**

This product contains the following chemicals which is listed in section 313 at or above deminimis concentrations.

NONE

16. OTHER INFORMATION

NFPA Rating- FIRE	0
NFPA Rating- HEALTH	0
NFPA Rating- REACTIVITY	0
NFPA Rating- SPECIAL	None.
Revisions Highlighted	N/A
Abbreviations	CAS#: Chemical Abstract Services Number ACGIH: American Conference of Governmental Industrial Hygienists OSHA: Occupational Safety and Health Administration TLV: Threshold Limit Value PEL: Permissible Exposure Limit STEL: Short Term Exposure Limit NTP: National Toxicology Program IARC: International Agency for Research on Cancer R: Risk S: Safety LD50: Lethal Dose 50% LC50: Lethal Concentration 50% BOD: Biological Oxygen Demand Koc: Soil Organic Carbon Partition Coefficient. TLm: Median Tolerance Limit

Disclaimer

The data contained herein is based on information believed to be reliable, but no expressed or implied warranty is made with regard to the accuracy of such data or its suitability for a given situation. Such data relates only to the specific product described and not to such products in combination with any other product and no agent of gotparts747 is authorized to vary any of such data. Gotparts747 and its agents disclaim all liability for any action taken or foregone on reliance upon such data.