



SAFETY DATA SHEET

SILICONE OIL 350

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product name: SILICONE OIL 350

Recommended use: Chemical for industry

Manufacturer/Supplier: **MODERN CHEMICAL CO.,LTD.**
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2. HAZARDS IDENTIFICATION

Label elements

No Hazard Symbol required.

Hazard statement(s):

Not classified as hazardous under GHS criteria.

Precautionary statement(s):

- 1.) P240 - Ground/bond container and receiving equipment.
- 2.) P241 - Use explosion-proof electrical, ventilating, and lighting equipment.
- 3.) P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- 4.) P273 - Avoid release to the environment.
- 5.) P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- 6.) P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- 7.) P303+P361+P353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- 8.) P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- 9.) P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



10.) P403+P235 - Store in a well-ventilated place. Keep cool.

11.) P501 - Dispose of contents/container in accordance with local regulation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonym: Dimethyl siloxane, trimethylsiloxy-terminated

Ingredients	% (w/w)	CAS NO.
SILICONE OIL No.350	100	63148-62-9

4. FIRST AID MEASURES

General advice: Get medical attention if symptoms occur. Contaminated clothing to be placed in closed container until disposal or decontamination.

Inhalation: If inhaled, remove to fresh air. Consult a physician if these symptoms occur.

Skin contact: Remove contaminated clothing and shoes. Wash with water and soap as a precaution. Consult a physician if these symptoms occur.

Eye contact: Immediately rinse with clean water. Continue to rinse for at least 15 minutes, for initial protection. Get medical attention if irritation spreading and persistent.

Ingestion: Do not induce vomiting. Consult a physician if these symptoms occur. Rinse mouth with water. Get medical attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water spray, alcohol resistant foam, carbon oxides (CO₂), dry chemical.

Unsuitable Extinguishing Media:

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from Chemicals:

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Amorphous silica, silicon oxides, formaldehyde.

Special protective equipment for fire-fighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Use personal protective equipment. Water spray should be used to cool containers.



6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Follow safe handling advice and personal protective equipment recommendations.

Environmental precautions: Collect spillage. Do not discharge into drains, water courses or onto the ground. For a large spillage, contain the spillage by bunding. Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up: Containers with collected spillage must be properly labelled. Keep container tightly closed. Absorb with sand or other inert absorbent. To clean the floor and all objects contaminated by appropriate solvent. Flush area with plenty of water.

7. HANDLING AND STORAGE

Precautions for safe handling & Product Transfer:

See Engineering measures under Exposure controls/Personal protection section. Use only with adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Based on the results of the exposure assessment in the workplace. Take care to prevent spills, waste and minimize release to the environment. Wash after handling, especially before eating, drinking or smoking. Use personal protective equipment. See Section 8 of the SDS.

Conditions for safe storage& Unsuitable Materials:

Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames and high temperatures. Avoid contact with oxidizing agents, strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: No substances with to exposure limits values while working.

Appropriate Engineering Controls: Process may from hazardous compounds (See Section 10). Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.

**Individual Protection Measures**

- Respiratory protection:** Wear suitable respiratory during spraying operations or similar activities.
- Hand protection:** Wash your hands before breaks and at the end of the work day.
- Eye protection:** Safety glasses.
- Skin and body protection:** Wear suitable protective clothing. Wash skin after contact.
- Hygiene measures:** No data available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form, Color and Odor : Liquid, Colorless, Characteristic.	Evaporation rate : N/A
Melting Point : N/A	Specific gravity : 0.97 (20°C)
pH : N/A	Solubility in water : Practically Insoluble.
Boiling point : >35 °C	Viscosity : 350 cSt (25°C)
Vapour pressure : <0.01 KPa (20°C)	Vapour density : N/A
Lower explosive limits : N/A	Upper explosive limits : N/A
Auto-ignition temperature : >400	Flash Point : >120-300°C
Odour threshold : N/A	Flammability (solid, gas) : Not relevant
Decomposition temperature : N/A	Solubility in other solvents : Acetone and ethanol: very slightly soluble. Diethylether, aliphatic hydrocarbons, aromatic hydrocarbons and chlorinated solvent: miscible (in all proportions).
n-octanol/water partition coefficient (log P_{ow}) : N/A	

10. STABILITY AND REACTIVITY

- Chemical stability:** Stable under normal conditions.
- Reactions:** Not classified as a reactivity hazard.
- Possibility of hazardous reactions:** Can react with oxidizing agents. When heated to temperatures above 150°C (300°F) in the presence of air, product can form formaldehyde vapors. Adequate ventilation is required. Hazardous decomposition products are formed at elevated temperatures.
- Conditions to avoid:** None known.
- Materials to avoid:** Strong oxidizing agents, oxidizing agents, alkali and high concentration hot caustic products.



Hazardous decomposition products: Thermal decomposition or combustion may liberate carbon oxide and other toxic gases or vapors. Amorphous silica, formaldehyde.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: LD50 (Oral, rat): >5000 - >15,400 mg/kg

LD50 (Dermal, rabbit): >2,000 mg/kg

Sensitization:

Toxic to eye: No irritation to eye.

Toxic to skin: No irritation to skin.

Aspiration hazard: Not classified based on available information.

Specific target organ: No effect to fertility, development of unborn child and detrimental effects on sexual.

Chronic toxicity:

Not classified based on available information.

Further toxicological information: No data available.

12. ECOLOGICAL INFORMATION

Toxicity:

Toxicity to fish: No data available.

Toxicity to daphnia and other aquatic invertebrates: No data available.

Toxicity to bacteria: No data available.

Biodegradability Remarks: The product is not readily biodegradable.

Bioaccumulative Potential: The product is not bioaccumulating.

Mobility: No data available.

Affected in any other way: No data available.

13. DISPOSAL CONSIDERATIONS

Material Disposal:

Dispose of waste in accordance with local laws and regulations, and product characteristics at time of disposal. Suggest safety incinerate.

Container Disposal:

Contaminated packages should be as empty as possible. Dispose in accordance with local laws and regulations, and product characteristics at time of disposal. Recycle following cleaning or dispose of at an authorized site.



14. TRANSPORT INFORMATION

ADR/RID

Not regulated as a dangerous good.

IMDG

Not regulated as a dangerous good.

IATA

Not regulated as a dangerous good.

15. REGULATORY INFORMATION

Regulatory/Safety of laws/ Health and environmental regulation for substances and mixture

Hazardous Substance Act B.E. 2535 : Not applicable

Emergency Decree on Controlling the Use of Volatile Substances B.E. 2533 : Not applicable

The ingredients of this product are reported in the following inventories:

NZIoC : All ingredients listed or exempt.

REACH : For procurement from the Dow Chemical entity in the European Union, all components are currently registered/ pre-registered or exempted according to the European Chemical Regulation (REACH). For recommended use information, please refer to. Item 1

For purchases from Dow Chemical entities outside the European Union with intent to export to the European Economic Area (EEA), contact your representative or local Dow Chemical office.

TSCA : All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA inventory exemption.

AICS : All ingredients listed or exempt.

IECSC : All ingredients listed or exempt.

ENCS/ISHL : All components are listed on ENCS/ISHL or exempted from inventory listing.

KECI : All ingredients listed, exempt or notified.

PICCS : All ingredients listed or exempt.



DSL : All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).

TCSI : All ingredients listed or exempt.

16. OTHER INFORMATION

Modern Chemical Co.,Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensive or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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