

REV : 01
DATE : 15th Aug 2018

SAFETY DATA SHEET



SL-342 SILICONE FLUID

1. Product & Company Identification

Product Details

Product name: SL-342 Silicone Fluid
Physical form: Liquid
Odour: Odorless
Colour: Clear

Company Details

Manufacturer: Silock Technical Inc.
Address: Nevada 89102 USA

2. Hazards Identification

Hazard Pictogram

None.

Classification

None.

Hazard Statement

None.

This Product is not classified as hazardous under current regulations.

3. Composition / Hazardous Components

<u>Chemical Name</u>	<u>CAS No.</u>	<u>WT%</u>
Polydimethylsiloxane	63148-62-9	>99%

4. First-aid Measures

Eyes:	Immediately flush with water for 15 minutes. Get medical attention.
Skin:	Remove from skin and wash thoroughly with soap and water
Inhalation:	No first aid should be needed.
Ingestion:	Get medical attention.

REV : 01
 DATE : 15th Aug 2018

SAFETY DATA SHEET



SL-342 SILICONE FLUID

5. Fire Fighting Measures

Extinguishing media

Suitable extinguishing media:

water mist , extinguishing powder , alcohol-resistant foam , carbon dioxide , sand .

Extinguishing media which must not be used for safety reasons:

water jet .

Special hazards arising from the substance or mixture

Risk of hazardous gasses or fumes in the event of fire. Exposure to combustion products may be a health hazard! Hazardous combustion products: carbon oxides , silicon oxides , incompletely burnt hydrocarbons , toxic and very toxic fumes .

Advice for firefighters

Special protective equipment for fire-fighting:

Use respiratory protection independent of recirculated air. Keep unprotected persons away

6. Accidental release measures

Personal Precautions:

Environmental Precautions:

Methods for Cleaning up:

Avoid eye contact. Do not take internally.

Do not allow large quantities to enter drains.

Take up mechanically and dispose of according to local/state/federal regulations. Do not flush away with water. For small amounts: Absorb with a neutral (non-acidic / non-basic) liquid binding material such as diatomaceous earth and dispose of according to government regulations. For large amounts: Liquids may be recovered using suction devices or pumps. If flammable, only air driven or properly rated electrical equipment should be used. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Silicone fluids are slippery; spills are a safety hazard. Apply sand or other inert granular material to improve traction.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal.

7. Handling and Storage

Handling:

Use with adequate ventilation. Avoid eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

REV : 01
DATE : 15th Aug 2018

SAFETY DATA SHEET



SL-342 SILICONE FLUID

Storage:	Store away from oxidizing agents. Keep container closed.
Unsuitable Packaging Materials:	None established.

8. Exposure control / Personal protection

Exposure Limits:	Not applied
<u>Engineering Controls</u>	
Local Ventilation:	None should be needed.
General Ventilation:	Recommended.+

Personal Protective Equipment for Routine Handling

Respiratory protection:	No respiratory protection should be needed.
Suitable Respirator:	None should be needed.
Eye protection:	Wear chemical safety goggles or appropriate protective eyeglasses.
Hand protection:	Wear chemical protective gloves.
Skin protection:	Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.
Hygiene Measures:	Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Note: These precautions are for room temperature handling. Use at elevated temperatures or aerosol spray applications may require added precautions.

9. Physical and Chemical Properties

Specific Physical Form:	Liquid
Odour, Colour, Grade:	Odourless
General Physical Form:	Liquid
Auto ignition temperature:	410 °C
Flash Point:	> 300 °C
Flammable Limits – LEL:	Not Applicable
Flammable Limits – UEL:	Not Applicable
Boiling point:	Not Applicable
Vapour Density:	Not Applicable
Vapour pressure:	Not Applicable
Specific Gravity:	0.97g/cm ³
pH:	Approx. 7
Melting Point:	-50 °C
Solubility in Water (%):	virtually insoluble at 20 °C
Evaporation rate:	Not Applicable
Volatile Organic Compounds:	Not Applicable
Volatile Percentage:	Not Applicable

REV : 01
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SAFETY DATA SHEET



SL-342 SILICONE FLUID

VOC Less H₂O & Exempt Solvents: Not Applicable
 Viscosity: Not Applicable
 Note: The above information is not intended for use in preparing specifications.

10. Stability and Reactivity

Stability: Stable.
 Materials to Avoid: Oxidizing material can cause a reaction.
 Conditions to Avoid: None
 Hazardous Polymerization: Hazardous polymerization will not occur.
 Hazardous Decomposition/ By-Products: Silicone dioxide. Carbon monoxide and carbon dioxide during combustion.

11. Toxicological Information

Possible Health Effects: None known.
 Sensitizing Effects: None known.
 Mutagenic Effects: None known.
 Reproductive Effects: None known.
 Carcinogenic Effects: None known.
 Other Health Hazard Information: No known applicable information.

The above listed potential effects of overexposure are based on actual data, the results of studies performed upon similar compositions, component data, and/or expert review of the products.

12. Ecological Information

Environmental Fate and Distribution: Solid material, insoluble in water. No adverse effects are predicted.
 Environmental Effects: No adverse effects on aquatic organisms are predicted.
 Bioaccumulation: No bioaccumulation potential.
 Fate and Effects in Waste Water Treatment Plants: No adverse effects on bacteria are predicted.

13. Disposal considerations

Product Disposal: Dispose of in accordance with local regulations.
 Packaging Disposal: Dispose of in accordance with local regulations.
 Characteristic Waste:
 Ignitable: NO
 Corrosive: NO
 Reactive: NO

REV : 01
DATE : 15th Aug 2018**SAFETY DATA SHEET****SL-342 SILICONE FLUID**

Since regulations vary, consult applicable regulations or authorities before disposal.

14. Transport Information

Road and Rail Transport: Not applicable.
Sea Transport (IMDG): Not subject to IMDG code.
Air Transport (IATA): Not subject to IATA regulations.
Special Requirements and Additional Information: None.

15. Regulatory Information

Warning Label: None known
Special identification instructions: Not applicable
National Regulations: Not applicable
International Regulations: Not applicable

16. Other Information

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use and determine whether they are appropriate.

*** End of SDS ***