



SILTECH CORP.

Safety Data Sheet

According to EC directive 91/155/EEC and amendment

Silube 89
SDS No: 5957

Revised: November 11, 2009

SECTION 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Material Identification: Silube 89

Chemical Name: Polydimethylsiloxane

INCI Name: Dimethicone

Company Identification: Siltech Corp.

225 Wicksteed Avenue

Toronto, Ontario

Canada

M4H 1G5

(416) 424-4567

Use of substance/preparation: Silicone Surfactant

CANUTEC 24-HOUR EMERGENCY RESPONSE TELEPHONE NUMBER: (613) 996-6666

USE IN CASE OF A DANGEROUS GOODS EMERGENCY

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Silicone

Hazardous Ingredients:

<u>NAME</u>	<u>CAS No.</u>	<u>EINECS/ELINCS No.</u>	<u>Wt %</u>	<u>CLASSIFICATION</u>
(no hazardous ingredients)				

SECTION 3. HAZARDS IDENTIFICATION

NOT HAZARDOUS ACCORDING TO COUNCIL DIRECTIVE 1999/45/EC AND ITS SUBSEQUENT AMENDMENTS.

SECTION 4. FIRST AID MEASURES

Eyes No first aid should be needed.

Skin: No first aid should be needed.

Inhalation: No first aid should be needed. If discomfort occurs, remove to fresh air.

Oral: No first aid should be needed. If discomfort occurs, obtain medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media: Carbon dioxide, dry powder, foam, or water spray. Water can be used to cool fire exposed containers.

Unsuitable Extinguishing Media: None known.

Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment.

Precautions to the Environment: Prevent from entering drains or water sources.

Containment/Clean up: Collect for disposal. Clean up remaining materials from spill with suitable absorbent. For large spills provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean area as appropriate since some silicone material, even in small quantities, may present a slip hazard. Final cleaning may require steam, solvents or detergents.

SECTION 7. HANDLING AND STORAGE

Handling: Avoid eye contact.

Storage: Keep container tightly closed and away from oxidizing materials.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

General ventilation recommended.

Exposure Limit Values:

None of the components have assigned exposure limits.

Personal Protective Equipment:

Respiratory protection: In the case of vapour formation use a respirator with an approved filter.

Hand protection: Gloves are not normally required.

Eye protection: Safety glasses should be worn.

Skin protection: Protective equipment is not normally required.

Hygiene measures: Observe good industrial hygiene practices. Wash after handling.

Environmental Exposure Controls:

Refer to sections 6 and 12 of this Safety Data Sheet.

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Liquid	Viscosity @25°C:	955 – 1,155 cps
Colour:	Colourless	Melting Point:	Not applicable
Odour:	Mild	Boiling Point:	>100°C @ 760 mmHg
Flash Point:	>200°C (Pensky-Martens closed cup)	Explosive Properties:	No
Specific Gravity @25°C:	0.99	Vapour Pressure @25°C:	Not determined
Solubility in Water:	Insoluble	pH:	Not determined
Oxidising Properties:	No	Evaporation Rate:	Not determined

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: None known.

Materials to Avoid: Strong oxidizing material can cause a reaction.

Hazardous Decomposition Products: The following decomposition products may form during fire or at very high temperatures: Carbon Oxides, Silica, Formaldehyde, and traces of incompletely burned carbon compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

Eye Contact: May cause temporary discomfort.

Skin Contact: No adverse effects expected.

Inhalation: No adverse effects expected.

Ingestion: No adverse effects expected.

SECTION 12. ECOLOGICAL INFORMATION

Environmental Fate: Siloxanes are removed from water by sedimentation or binding to sewage sludge.

Ecotoxicity: No data available.

Persistence and Degradability: Siloxanes are degraded in soil.

Bioaccumulative Potential: No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

Product Disposal: Do not dispose of waste into sewer.

Packaging Disposal: Dispose of in accordance with local regulations.

SECTION 14. TRANSPORTATION INFORMATION

Air Transport (IATA): Not subject to IATA regulations.

Sea Transport (IMDG): Not subject to IMDG code.

Road / Rail (ADR/RID): Not dangerous goods.

SECTION 15. REGULATORY INFORMATION

Labelling according to EEC Directive

S-phrases:

S51 (Use only in well-ventilated areas.)

Status

TSCA: All ingredients are on or exempted from the inventory.

DSL: All ingredients are on or exempted from the inventory.

EINECS: All ingredients are on or exempted from the inventory.

AICS: All ingredients are on or exempted from the inventory.

IECSC: All ingredients are on or exempted from the inventory.

MITI: All ingredients are on or exempted from the inventory.

KECL: All ingredients are on or exempted from the inventory.

SECTION 16. OTHER INFORMATION

The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. This data is offered in good faith as typical values and not as product specifications. 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 context of the intended use and determine whether they are appropriate.

R-phrases:

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