



# SILTECH CORP.

## Safety Data Sheet

According to EC directive 91/155/EEC and amendment

Silwax H416  
SDS No: 5050

Revised: March 22, 2010

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

**Material Identification:** Silwax H416

**Chemical Name:** Alkyl Polydimethylsiloxane

**INCI Name:** Cetyl Dimethicone

**Company Identification:** Siltech Corp.

225 Wicksteed Avenue

Toronto, Ontario

Canada

M4H 1G5

(416) 424-4567

**Use of substance/preparation:** cosmetic additive, lubricant, softner

**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

<b>Appearance:</b>	Clear to hazy liquid	<b>Viscosity @25°C:</b>	75 - 250 cps
<b>Colour:</b>	Colourless to yellow	<b>Melting Point:</b>	Not applicable
<b>Odour:</b>	Characteristic	<b>Boiling Point:</b>	>100°C @ 760 mmHg
<b>Flash Point:</b>	>100°C (Pensky-Martens closed cup)	<b>Explosive Properties:</b>	No
<b>Specific Gravity @25°C:</b>	1.02	<b>Vapour Pressure @25°C:</b>	Not determined
<b>Solubility in Water:</b>	Insoluble	<b>pH:</b>	Not determined
<b>Oxidising Properties:</b>	No	<b>Evaporation Rate:</b>	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.

## 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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