SAFETY DATA SHEET

WHMIS 2015 • OSHA HCS (29 CFR 1910.1200) • NOM-018-STPS-2015

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name	**Siltech S-701**
Product code	0070.1
Chemical Name	Siloxanes and Silicones, di-Me, hydroxy-terminated
CAS No.	70131-67-8
Alternative names **(INCI)**	Dimethiconol

1.2 Recommended use of the chemical and restrictions on use

Identified use(s)	PC39 Cosmetics, personal care products Coatings, PC19 Intermediate
Uses advised against	None known

1.3 Details of the supplier of the Safety Data Sheet

Company Identification	Siltech Corp 225 Wicksteed Ave Toronto, ON Canada M4H 1G5
Telephone	+1-416-424-4567
Fax	+1-416-424-3158
E-Mail (competent person)	marsha.carter@siltech.com
Additional Location	Siltech Corp 3265 Wolfedale Road, Mississauga ON Canada L5C 1V8
Telephone	+1-905-270-5534
Fax	+1-905-270-5816

1.4 Emergency telephone number

Emergency Phone No.	**CANUTEC - TELEPHONE: EMERGENCY USE ONLY** **+1-613-996-6666**

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not classified

2.2 Label elements

Product Name	**Siltech S-701**
Symbol	NONE
Signal word(s)	NONE
Hazard statement(s)	NONE
Precautionary statement(s)	P262: Do not get in eyes, on skin, or on clothing.

2.3 Other hazards None known

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Hazardous ingredient(s)	Synonym(s)	%W/W	CAS No.	EC No.	Hazard pictogram(s) and Hazard statement(s)
Contains no hazardous ingredients					

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

	Inhalation	Remove person to fresh air and keep comfortable for breathing.
	Skin Contact	Gently wash with plenty of soap and water.
	Eye Contact	If substance has got into the eyes, immediately wash out with plenty of water for several minutes.
	Ingestion	If swallowed, seek medical advice immediately and show this container or label.
4.2	**Most important symptoms and effects, both acute and delayed**	Not available.
4.3	**Indication of any immediate medical attention and special treatment needed**	Treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1	**Extinguishing Media**	
	Suitable Extinguishing Media	In case of fire, use water spray, foam, dry powder or CO2 for extinction. Keep containers cool by spraying with water if exposed to fire.
	Unsuitable Extinguishing Media	None known
5.2	**Special hazards arising from the substance or mixture**	Silicon Dioxide, carbon oxides, incompletely burned carbon compounds, formaldehyde.
5.3	**Advice for fire-fighters**	A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	**Personal precautions, protective equipment and emergency procedures**	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
6.2	**Environmental precautions**	Avoid release to the environment.
6.3	**Methods and material for containment and cleaning up**	Caution - spillages may be slippery. Cover spills with inert absorbent material. Transfer to a container for disposal.
6.4	**Reference to other sections**	See Section: 7 & 8.

7. SECTION 7: HANDLING AND STORAGE

7.1	**Precautions for safe handling**	Avoid contact with skin and eyes. Avoid ingestion. Use only with sufficient ventilation. Wash thoroughly after handling. General hygiene measures for the handling of chemicals are applicable.
7.2	**Conditions for safe storage, including any incompatibilities**	Store in a tightly closed container.
	Storage Temperature	Ambient
	Storage Life	Stable under normal conditions.
	Incompatible materials	Oxidizing agents
7.3	**Specific end use(s)**	Industrial use

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
None assigned						

8.1.2	**Biological limit value**	Not established
8.1.3	**PNECs and DNELs**	Not established
8.2	**Exposure controls**	
8.2.1	**Appropriate engineering controls**	Provide adequate ventilation.
8.2.2	**Personal protection equipment**	

Eye/face protection 	Wear protective eyewear (goggles, face shield, or safety glasses).
Skin protection (Hand protection/ Other) 	Wear suitable gloves if prolonged skin contact is likely.
Respiratory protection 	In case of inadequate ventilation wear respiratory protection.
Thermal hazards	None.
8.2.3 Environmental Exposure Controls	Avoid release to the environment.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Colourless liquid.
Odour	Faint.
Odour Threshold	Not available.
pH	Not available.
Melting Point/Freezing Point	Not available.
Initial boiling point and boiling range	>35ºC @ 760mmHg
Flash point (PMCC)	118ºC
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density / Specific Gravity (25ºC)	0.98
Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity (25ºC)	75 cps
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

10. SECTION 10: STABILITY AND REACTIVITY

10.1	**Reactivity**	Stable under normal conditions.
10.2	**Chemical stability**	Stable under normal conditions.
10.3	**Possibility of hazardous reactions**	Will not occur.
10.4	**Conditions to avoid**	None known.
10.5	**Incompatible materials**	Oxidizing agents.
10.6	**Hazardous Decomposition Product(s)**	Silicon Dioxide, carbon oxides, incompletely burned carbon compounds, formaldehyde.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Ingestion	Low toxicity under normal conditions of handling and use.
Inhalation	Low toxicity under normal conditions of handling and use.
Skin Contact	None anticipated
Eye Contact	None anticipated

Effects and Symptoms

skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT - single exposure	Not classified
STOT - repeated exposure	Not classified
Aspiration hazard	Not classified
Delayed and chronic effects	Not available
Calculated acute toxicity estimate (ATE)	Not available

12. SECTION 12: ECOLOGICAL INFORMATION

12.1	**Toxicity**	May cause long lasting harmful effects to aquatic life.
12.2	**Persistence and degradability**	Not available.
12.3	**Bioaccumulative potential**	Not available.
12.4	**Mobility in soil**	Not available.
12.5	**Results of PBT and VPVB assessment**	Not available.
12.6	**Other adverse effects**	None known

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	**Waste treatment methods**	Do not empty into drains; dispose of this material and its container in a safe way.
13.2	**Additional Information**	Dispose of contents in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

14.1	**DOT / TDG /** Road/Rail (ADR/RID)	Not classified as hazardous for road transport. Not classified as hazardous for rail transport.
14.2	Air (ICAO/IATA)	Not classified as hazardous for air transport.
14.3	Sea (IMDG)	Not classified as hazardous for marine transport.

15. SECTION 15: REGULATORY INFORMATION

15.1 EU regulations

REACH Registration No.	Polymer exempt.
Candidate List of Substances of Very High Concern for Authorisation	Possible trace amounts of: Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.1% Decamethylcyclopentasiloxane (CAS# 541-02-6) < 0.1% Dodecamethylcyclohexasiloxane (CAS# 540-97-6) < 0.1%

15.2 International Inventories

Country	Listed	Not listed	Polymer exempt	Other
United States (TSCA)	Active✓			
Canada (DSL/NDSL)	DSL✓			
European Union (EINECS/ELINCS)			✓	
Australia (AICS)	✓			
China (IECSC)	✓			
Japan (ENCS)	✓			
South Korea (KECI)	✓			
Taiwan (TCSI)	✓			
New Zealand (NZIoC)	✓			
Philippines (PICCS)	✓			

15.3 National regulations

United States (TSCA)	TSCA Inventory Status : All chemicals in this product comply with TSCA rules and regulations including TSCA Section 5 (Inventory Rules).
HMIS (Hazardous Material Information System)	**H = 0 / F = 1 / R = 0**
NFPA Rating	**H = 0 / F = 1 / R = 0**

15.4 US State Regulations

15.4.1	SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM	None known.
15.4.2	SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER	None known.
15.4.3	State Right to Know Lists	Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.1%

16. SECTION 16: OTHER INFORMATION

Revision: **April 14, 2023**

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
STOT	Specific Target Organ Toxicity
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative

Hazard statement(s) and Precautionary statement(s)
P262: Do not get in eyes, on skin, or on clothing.
Hazard pictogram(s) and Hazard Symbol
NONE

Additional Information

Disclaimers

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