




# 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 PTM**  
Product code 7055.6  
Chemical Name Silsesquioxanes, Ph  
CAS No. 70131-69-0  
195868-36-1 / 2116-84-9  
Alternative names (INCI) Phenyl Trimethicone
- 1.2 Recommended use of the chemical and restrictions on use**  
Identified use(s) PC39 Cosmetics, personal care products  
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**  
**Acute Tox. 2 - Inhalation**
- 2.2 Label elements**  
Product Name **Siltech PTM**  
Symbol   
Signal word(s) **DANGER**  
Hazard Statement(s) H330: Fatal if inhaled. **(Aerosol)**  
P260: Do not breathe mist/vapours/spray.  
P271: Use only outdoors or in a well-ventilated area.  
P284: Wear respiratory protection.  
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P310: Immediately call a POISON CENTER/doctor.  
P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
P501: Dispose of contents/container to: Observe Local Regulations.
- 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)
Silsesquioxanes, phenyl trimethylsilyloxy-terminated	Trimethylphenyl sesquisiloxane	100	70131-69-0	939-487-8	GHS06; H330

### 4. SECTION 4: FIRST AID MEASURES



#### 4.1 Description of first aid measures

Inhalation	Remove persons affected by vapour to fresh air. Administer oxygen if available and artificial respiration if necessary. Get immediate medical attention.
Skin Contact	Wash skin with soap and water. Seek medical attention if irritation persists.
Eye Contact	If substance has got into the eyes, immediately wash out with plenty of water for several minutes. Seek medical attention if irritation persists.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting. Rinse mouth with water (do not swallow).

#### 4.2 Most important symptoms and effects, both acute and delayed

Fatal if inhaled.

#### 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**  
 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/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	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  
  
 Respiratory protection is required for not sufficiently ventilated working places and during the spraying processing.
- 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: >65°C @ 760mmHg  
 Flash point (PMCC): >101°C  
 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 (25°C): 0.98  
 Solubility(ies): Not available.  
 Partition coefficient: n-octanol/water: Not available.  
 Auto-ignition temperature: Not available.  
 Decomposition Temperature: Not available.

Viscosity (25°C)	15 – 30 cps
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

## 10. SECTION 10: STABILITY AND REACTIVITY

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

## 11. SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
<b>Acute toxicity</b>	
Ingestion	LD50 (oral, rat) mg/kg: > 2,000
Inhalation	LC50 (inhalation, rat) mg/l/4h: 0.467 (aerosolized material only)
Skin Contact	no observed adverse effect level (NOAEL)
Eye Contact	Not classified.
<b>Effects and Symptoms</b>	
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

<b>12.1 Toxicity</b>	LC50, Danio rerio (zebra fish), 96 Hour, > 500 mg/l
<b>12.2 Persistence and degradability</b>	Not readily biodegradable (according to OECD criteria).
<b>12.3 Bioaccumulative potential</b>	Pow: 9 estimated
<b>12.4 Mobility in soil</b>	Not available.
<b>12.5 Results of PBT and VPVB assessment</b>	Not available.
<b>12.6 Other adverse effects</b>	None known

## 13. SECTION 13: DISPOSAL CONSIDERATIONS

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

## 14. SECTION 14: TRANSPORT INFORMATION

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

## 15. SECTION 15: REGULATORY INFORMATION

### 15.1 EU regulations

EU REACH Registration No. 01-2119974594-23-0008  
UK REACH Registration No. UK-01-0587006500-9-0002

### 15.2 International Inventories

Country	Listed	Not listed	Polymer exempt	Other
United States (TSCA)	Active✓			
Canada (DSL/NDSL)	NDSL✓			R-ICL
European Union (EINECS/ELINCS)	✓			
Australia (AICS)	✓			
China (IECSC)	✓			
Japan (ENCS)		X		
South Korea (KECI)		X		
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 = 3 / F = 1 / R = 0**  
NFPA Rating **H = 3 / 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 None known.

## 16. SECTION 16: OTHER INFORMATION

Revision: **January 29, 2025**

### 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)

H330: Fatal if inhaled.  
P260: Do not breathe mist/vapours/spray.  
P271: Use only outdoors or in a well-ventilated area.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Hazard pictogram(s) and Hazard Symbol**



**GHS06**

**Additional Information**

**Disclaimers**

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