




# 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

<b>1.1 Product identifier</b>	
Product Name	<b>Silube 550</b>
Product code	5774
Chemical Name	Mixture
CAS No.	923294-06-8 / 13475-82-6
<b>1.2 Recommended use of the chemical and restrictions on use</b>	
Identified use(s)	Coatings, Surface active agent AC5-2 Fabrics, textiles and apparel: curtains, upholstery, carpeting/flooring, rugs,
Uses advised against	Not available
<b>1.3 Details of the supplier of the Safety Data Sheet</b>	
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
<b>1.4 Emergency telephone number</b>	
Emergency Phone No.	<b>CANUTEC - TELEPHONE: EMERGENCY USE ONLY</b> <b>+1-613-996-6666</b>

## 2. SECTION 2: HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
	<b>Flam. Liq. 3</b> <b>Aquatic Chronic 3</b>
<b>2.2 Label elements</b>	
Product Name	<b>Silube 550</b>
Symbol	
Signal word(s)	<b>WARNING</b>
Hazard statement(s)	H226: Flammable liquid and vapour. H412: Harmful to aquatic life with long lasting effects.
Precautionary statement(s)	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P240: Ground/bond container and receiving equipment. P241: Use explosion-proof electrical/ventilating/lighting/equipment. P242: Use only non-sparking tools. P243: Take precautionary measures against static discharge. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with

water/shower.  
P403+P235: Store in a well-ventilated place. Keep cool.  
P501: Dispose of contents/container to: Observe Local Regulations.  
None known

**2.3 Other hazards**

**3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Mixtures**

Hazardous ingredient(s)	Synonym(s)	%W/W	CAS No.	EC No.	Hazard pictogram(s) and Hazard statement(s)
2,2,4,6,6-pentamethylheptane	Isododecane	50 - 70	13475-82-6	236-757-0	GHS02, GHS08 H226 , H304, H413

**4. SECTION 4: FIRST AID MEASURES**



**4.1 Description of first aid measures**

Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician.
Skin Contact	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a POISON CENTER or doctor/physician.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician.
Ingestion	IF SWALLOWED: Do NOT induce vomiting. Immediately call a POISON CENTRE or doctor/physician.

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

May cause irritation.

**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. Ground/bond container and receiving equipment. 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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- 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** Local exhaust ventilation is required.
- 8.2.1 Appropriate engineering controls**
- 8.2.2 Personal protection equipment**
- Eye/face protection  
 Wear protective eyewear (goggles, face shield, or safety glasses).
- Skin protection (Hand protection/ Other)  
 Wear protective clothing and gloves: Impervious gloves (EN 374).
- Respiratory protection  
 Wear suitable respiratory protection. A suitable mask with filter type A (EN14387 or EN405) may be appropriate.
- Thermal hazards  
 Flammable liquid
- 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: Characteristic  
Odour Threshold: Not available.  
pH: Not available.  
Melting Point/Freezing Point: Not available.  
Initial boiling point and boiling range: >100°C @ 760 mmHg  
Flash point (PMCC): 43 °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)	0.87
Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity (25°C)	2000 - 10000 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>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
<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.

## 11. SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
<b>Acute toxicity</b>	
Ingestion	May be harmful if swallowed.
Inhalation	May be harmful if inhaled.
Skin Contact	May cause irritation
Eye Contact	May cause irritation
<b>Effects and Symptoms</b>	
<b>skin corrosion/irritation</b>	Repeated and/or prolonged skin contact may cause irritation.
<b>Serious eye damage/irritation</b>	Not classified
<b>Respiratory or skin sensitization</b>	Not classified
<b>Germ cell mutagenicity</b>	Not classified
<b>Carcinogenicity</b>	Not classified
<b>Reproductive toxicity</b>	Not classified
<b>STOT - single exposure</b>	Not classified
<b>STOT - repeated exposure</b>	Not classified
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.
<b>Delayed and chronic effects</b>	Not available.
<b>Calculated acute toxicity estimate (ATE)</b>	Not available.

## 12. SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	Harmful to aquatic life with long lasting effects.
<b>12.2 Persistence and degradability</b>	Not available.
<b>12.3 Bioaccumulative potential</b>	Not available.
<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

14.1	UN number	2286
14.2	UN Proper Shipping Name	Pentamethylheptane Solution
14.3	Transport hazard class(es)	3
14.4	Packing Group	III
14.5	Environmental hazards	None



## 15. SECTION 15: REGULATORY INFORMATION

### 15.1 EU regulations

REACH Registration No. Polymer exempt / 01-2119490725-29-0000

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)		X		
Canada (DSL/NDL)		X		✓
European Union (EINECS/ELINCS)	✓		✓	
Australia (AICS)		X		
China (IECSC)				✓
Japan (ENCS)		X		
South Korea (KECI)		X		
Taiwan (TCSI)		X		
New Zealand (NZIoC)		X		
Philippines (PICCS)		X		

### 15.3 National regulations

HMIS (Hazardous Material Information System)  
 NFPA Rating

**This product is for R&D purposes only.**

**H = 1 / F = 2 / R = 0**

**H = 1 / F = 2 / 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 27, 2023

### Hazard statement(s) and Precautionary statement(s)

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P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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**Hazard pictogram(s)**



**GHS02**

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