



# 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 5821**  
Product code 6292.1  
Chemical Name Mixture  
CAS No. 67762-90-7 / 68957-55-3 / 63148-62-9 / 7732-18-5

### 1.2 Recommended use of the chemical and restrictions on use

Identified use(s) Anti-foamer (defoamer)  
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) raj@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. **CANUTECH - TELEPHONE: EMERGENCY USE ONLY**  
**+1-613-996-6666**

## 2. SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**Skin Sens. 1**  
**Repr. 2**  
**Aquatic Chronic 1**

### 2.2 Label elements

Product Name **Siltech 5821**

Symbol



Signal word(s)

**Warning**

Hazard statement(s)

H317: May cause an allergic skin reaction.  
H361f: Suspected of damaging fertility.  
H410: Very toxic to aquatic life with long lasting effects.  
P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P262: Do not get in eyes, on skin, or on clothing.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

Precautionary statement(s)

P308+P313: IF exposed or concerned: Get medical advice/attention.  
P363: Wash contaminated clothing before reuse.  
P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
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 symbol(s) and hazard statement(s)
Octamethylcyclotetra-siloxane	D4	1 - 3	556-67-2	203-136-7	GHS02, GHS08 , GHS09 H226, H361f, H410
2-methyl-2H-isothiazol-3-one	MIT	0.004 – 0..005	2682-20-4	220-239-6	GHS09, GHS05, GHS06 H301, H311, H314, H317, H330, H400, H410
1,2-benzisothiazol-3(2H)-one	BIT	0.004 - 0.005	2634-33-5	220-120-9	GHS09, GHS05, GHS07 H302, H315, H317, H318, H400

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



**4.1 Description of first aid measures**

Inhalation  
Skin Contact

Remove persons affected by vapour to fresh air.  
Remove contaminated clothing immediately and wash affected skin with plenty of 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.

**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. **Mix thoroughly before use.** Store in a tightly closed container.
- 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.	LTTEL (8 hr TWA ppm)	LTTEL (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  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                              | Viscous liquid.( tan) |
| Odour                                   | Faint.                |
| Odour Threshold                         | Not available.        |
| pH                                      | Not available.        |
| Melting Point/Freezing Point            | Not available.        |
| Initial boiling point and boiling range | Not available.        |
| Flash point (PMCC)                      | >100°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)	1.00
Solubility(ies)	Dispersible in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity (25°C)	Not available.
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.

## 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 cause irritation.
Skin Contact	May cause irritation.
Eye Contact	May cause irritation.
<b>Effects and Symptoms</b>	
<b>skin corrosion/irritation</b>	Not classified
<b>Serious eye damage/irritation</b>	Not classified
<b>Respiratory or skin sensitization</b>	Repeated and/or prolonged contact may cause skin sensitisation.
<b>Germ cell mutagenicity</b>	Not classified
<b>Carcinogenicity</b>	Not classified
<b>Reproductive toxicity</b>	May damage fertility or the unborn child.
<b>STOT - single exposure</b>	Not classified
<b>STOT - repeated exposure</b>	Not classified
<b>Aspiration hazard</b>	Not classified
<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>	Toxic 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 VPOB 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</b>	DOT / TDG / Road/Rail (ADR/RID)	Not classified as hazardous for road transport. Not classified as hazardous for rail transport.
<b>14.2</b>	Air (ICAO/IATA)	Not classified as hazardous for air transport.
<b>14.3</b>	<b>Sea (IMDG)</b>	
	UN number	UN3082
	UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (cyclosiloxanes)
	Transport hazard class(es)	9
	Packing group	III
	Environmental hazards	Marine Pollutant



## 15. SECTION 15: REGULATORY INFORMATION

<b>15.1</b>	<b>EU regulations</b>	
	REACH Registration No.	Polymer exempt.
	Candidate List of Substances of Very High Concern for Authorisation	Possible trace amounts of: Octamethylcyclotetrasiloxane (CAS# 556-67-2) 1-3% Decamethylcyclopentasiloxane (CAS# 541-02-6) 1-3% Dodecamethylcyclohexasiloxane (CAS# 540-97-6) 1-3% Propylene Oxide (CAS# 75-56-9) < 1 ppm 1,4-Dioxane (CAS# 123-91-1) < 1 ppm
	Contains:	2-methyl-2H-isothiazol-3-one (CAS# 2682-20-4) 0.004 – 0.005% 1,2-benzisothiazol-3(2H)-one (CAS# 2634-33-5) 0.004 – 0.005%

### 15.2 International Inventories

Country	Listed	Not listed	Polymer exempt	Other
United States (TSCA)	✓			
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)	<b>H = 1 / F = 0 / R = 0</b>
NFPA Rating	<b>H = 1 / F = 0 / R = 0</b>

### 15.4 US State Regulations

<b>15.4.1</b>	SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM	Specific Listing(s) not required Possible trace amounts of: <b>Ethylene Oxide (CAS# 75-21-8) &lt; 1 ppm</b>
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**15.4.2 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER**

Specific Listing(s) not required

Possible trace amounts of:

**Ethylene Oxide (CAS# 75-21-8) < 1 ppm**

**Propylene Oxide (CAS# 75-56-9) < 1 ppm**

**1,4-Dioxane (CAS# 123-91-1) < 1 ppm**

**15.4.3 State Right to Know Lists**

Specific Listing(s) not required

Possible trace amounts of:

**Octamethylcyclotetrasiloxane (CAS# 556-67-2) 1-3%**

**Ethylene Oxide (CAS# 75-21-8) < 1 ppm**

**Propylene Oxide (CAS# 75-56-9) < 1 ppm**

**1,4-Dioxane (CAS# 123-91-1) < 1 ppm**

## 16. SECTION 16: OTHER INFORMATION

Revision: **January 14, 2022**

### 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)

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### Hazard pictogram(s) and Hazard Symbol



**GHS07**

**GHS08**

**GHS09**

### Additional Information

#### Disclaimers

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