



# 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 C-4405
Product code	6289.5
Chemical Name	Mixture
CAS No.	Mixture

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

Identified use(s)	Additive, Coatings
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.	<b>CANUTECH - TELEPHONE: EMERGENCY USE ONLY</b> <b>+1-613-996-6666</b>
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## 2. SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**Acute Tox. 4 : Oral**  
**Skin Irrit. 2**  
**Eye Dam. 1**  
**Skin Sens. 1**

### 2.2 Label elements

Product Name	Siltech C-4405
Symbol	

Signal word(s)

**DANGER**

Hazard statement(s)

H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
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.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with

Precautionary statement(s)

water/shower.  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P403+P235: Store in a well-ventilated place. Keep cool.  
P501: Dispose of contents/container to: Observe Local Regulations.

2.3 Other hazards None known

### 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)
Alcohols, C12-14-secondary ethoxylated	N/A	5 - 20	84133-50-6	None assigned	GHS05, GHS07 H302, H315, H318
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	Remove persons affected by vapour to fresh air.
Skin Contact	Remove contaminated clothing immediately and wash affected skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention.
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 Unlikely to be required but if necessary 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 Avoid contact with skin, eyes or clothing. Use personal

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| <p><b>6.2 Environmental precautions</b></p> <p><b>6.3 Methods and material for containment and cleaning up</b></p> <p><b>6.4 Reference to other sections</b></p> | <p>protective equipment as required.</p> <p>Avoid release to the environment.</p> <p>Caution - spillages may be slippery. Cover spills with inert absorbent material. Transfer to a container for disposal.</p> <p>See Section: 7 &amp; 8.</p> |
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## 7. SECTION 7: HANDLING AND STORAGE

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| <p><b>7.1 Precautions for safe handling</b></p> <p><b>7.2 Conditions for safe storage, including any incompatibilities</b></p> <p>Storage Temperature</p> <p>Storage Life</p> <p>Incompatible materials</p> <p><b>7.3 Specific end use(s)</b></p> | <p>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.</p> <p>Store in a tightly closed container.</p> <p>Ambient</p> <p>Stable under normal conditions.</p> <p>Oxidizing agents</p> <p>Industrial use</p> |
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## 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						

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| <p><b>8.1.2 Biological limit value</b></p> <p><b>8.1.3 PNECs and DNELs</b></p> <p><b>8.2 Exposure controls</b></p> <p><b>8.2.1 Appropriate engineering controls</b></p> <p><b>8.2.2 Personal protection equipment</b></p> <p>Eye/face protection</p>  <p>Skin protection (Hand protection/ Other)</p>  <p>Respiratory protection</p>  <p>Thermal hazards</p> <p><b>8.2.3 Environmental Exposure Controls</b></p> | <p>Not established</p> <p>Not established</p> <p>Provide adequate ventilation.</p> <p>Wear protective eyewear (goggles, face shield, or safety glasses).</p> <p>Wear protective clothing and gloves: (120 min break thru time)</p> <p>In case of inadequate ventilation wear respiratory protection.</p> <p>None.</p> <p>Avoid release to the environment.</p> |
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## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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| <p><b>9.1 Information on basic physical and chemical properties</b></p> <p>Appearance</p> <p>Odour</p> <p>Odour Threshold</p> <p>pH</p> <p>Melting Point/Freezing Point</p> | <p>Opaque Liquid</p> <p>Faint.</p> <p>Not available.</p> <p>Not available.</p> <p>Not available.</p> |
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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)	0.98
Solubility(ies)	Dispersible in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity (25°C)	> 300 000 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.

## 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 disturb the skin.
Eye Contact	Causes serious eye damage.
<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>	May cause irritation to eyes and air passages.
<b>Respiratory or skin sensitization</b>	May cause sensitization by skin contact.
<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>	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>	Not available.
<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
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- 13.2 Additional Information** container in a safe way.  
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: (<0.06%)  
Octamethylcyclotetrasiloxane (CAS# 556-67-2)  
Decamethylcyclopentasiloxane (CAS# 541-02-6)  
Dodecamethylcyclohexasiloxane (CAS# 540-97-6)

Contains: Dibutyltin dilaurate (CAS# 77-58-7) < 0.033%  
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%

**15.3 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)		X		

**15.4 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 = 1 / F = 1 / R = 0**  
NFPA Rating **H = 1 / F = 1 / R = 0**

**15.5 US State Regulations**

**15.5.1 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM** Specific Listing(s) not required  
Possible trace amounts of:  
**Ethylene Oxide (CAS# 75-21-8) < 1 ppm**

**15.5.2 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**

**15.5.3 State Right to Know Lists**

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**

## 16. SECTION 16: OTHER INFORMATION

Revision: **April 05, 2019**

### 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)

H302: Harmful if swallowed.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P262: Do not get in eyes, on skin, or on clothing.

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

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### Hazard pictogram(s) and Hazard Symbol



**GHS05**    **GHS07**

### Additional Information

#### Disclaimers

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