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.**: CANUTECH - TELEPHONE: EMERGENCY USE ONLY
  +1-613-996-6666

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.

Precautionary statement(s)
- P261: Avoid breathing dust/lume/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...
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

<table>
<thead>
<tr>
<th>Hazardous ingredient(s)</th>
<th>Synonym(s)</th>
<th>%W/W</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>Hazard pictogram(s) and Hazard statement(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C12-14-sec</td>
<td>N/A</td>
<td>5 - 20</td>
<td>84133-50-6</td>
<td>None assigned</td>
<td>GHS05, GHS07, H302, H315, H318</td>
</tr>
<tr>
<td>secondary ethoxylated</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-methyl-2H-isothiazol-3-one</td>
<td>MIT</td>
<td>0.004 – 0.005</td>
<td>2682-20-4</td>
<td>220-239-6</td>
<td>GHS09, GHS05, GHS06, H301, H311, H314, H317, H330, H400, H410</td>
</tr>
<tr>
<td>1,2-benzisothiazol-3(2H)-one</td>
<td>BIT</td>
<td>0.004 – 0.005</td>
<td>2634-33-5</td>
<td>220-120-9</td>
<td>GHS09, GHS05, GHS07, H302, H315, H317, H318, H400</td>
</tr>
</tbody>
</table>

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.

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes or clothing. Use personal 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.
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. 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**

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS No.</th>
<th>LTEL (8 hr TWA ppm)</th>
<th>LTEL (8 hr TWA mg/m³)</th>
<th>STEL (ppm)</th>
<th>STEL (mg/m³)</th>
<th>Note</th>
</tr>
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<tbody>
<tr>
<td>None assigned</td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

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 protective clothing and gloves: (120 min break thru time)
- **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**: Opaque Liquid
- **Odour**: Faint
- **Odour Threshold**: Not available
- **pH**: Not available
- **Melting Point/Freezing Point**: Not available
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
  May be harmful if swallowed.
- Inhalation
  May be harmful if inhaled.
- Skin Contact
  May disturb the skin.
- Eye Contact
  Causes serious eye damage.

Effects and Symptoms
- skin corrosion/irritation
  Repeated and/or prolonged skin contact may cause irritation.
- Serious eye damage/irritation
  May cause irritation to eyes and air passages.
- Respiratory or skin sensitization
  May cause sensitization by skin contact.
- 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
Not available.

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...
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
Octamethylcyclotetrasiloxane (CAS# 556-67-2)
Decamethylclopentasiloxane (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

<table>
<thead>
<tr>
<th>Country</th>
<th>Listed</th>
<th>Not listed</th>
<th>Polymer exempt</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States (TSCA)</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada (DSL/NDSL)</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>European Union (EINECS/ELINCS)</td>
<td></td>
<td>✓</td>
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<tr>
<td>Australia (AICS)</td>
<td>✓</td>
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<tr>
<td>China (IECSO)</td>
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<td>Japan (ENCS)</td>
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<td>South Korea (KECI)</td>
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<td>Taiwan (TCSI)</td>
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<td>New Zealand (NZIoC)</td>
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</tr>
<tr>
<td>Philippines (PICCS)</td>
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<td>✓</td>
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<td></td>
</tr>
</tbody>
</table>

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)
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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>LTEL</td>
<td>Long Term Exposure Limit</td>
</tr>
<tr>
<td>STEL</td>
<td>Short Term Exposure Limit</td>
</tr>
<tr>
<td>STOT</td>
<td>Specific Target Organ Toxicity</td>
</tr>
<tr>
<td>DNEL</td>
<td>Derived No Effect Level</td>
</tr>
<tr>
<td>PNEC</td>
<td>Predicted No Effect Concentration</td>
</tr>
<tr>
<td>PBT</td>
<td>Persistent, Bioaccumulative and Toxic</td>
</tr>
<tr>
<td>vPvB</td>
<td>very Persistent and very Bioaccumulative</td>
</tr>
</tbody>
</table>

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.
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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

![Hazard pictogram](https://example.com/hazard.png)

Additional Information

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