1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier
   Product Name: Siltech 2200
   Product code: 6250
   Chemical Name: Siloxanes and Silicones, di-Me, reaction products with silica
   CAS No.: 67762-90-7
   Alternative names (INCI): Simethicone

1.2 Recommended use of the chemical and restrictions on use
   Identified use(s): Anti-foamer (defoamer)
   Additive, Surface active agent
   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
   Not classified

2.2 Label elements
   Product Name: Siltech 2200
   Symbol: NONE
   Signal word(s): NONE
   Hazard statement(s): NONE
   Precautionary statement(s): P262: Do not get in eyes, on skin, or on clothing.

2.3 Other hazards
   None known

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

<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>Contains no hazardous ingredients</td>
<td></td>
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<td></td>
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</tr>
</tbody>
</table>
4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

- Inhalation: Unlikely to be required but if necessary treat symptomatically.
- Skin Contact: Unlikely to be required but if necessary treat symptomatically.
- 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 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

<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>
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</thead>
<tbody>
<tr>
<td>None assigned</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<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 suitable gloves if prolonged skin contact is likely.
Respiratory protection No personal respiratory protective equipment normally required.

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, Viscous liquid
- Odour: Faint.
- Odour Threshold: Not available.
- pH: Not available.
- Melting Point/Freezing Point: Not available.
- Initial boiling point and boiling range: >100°C @ 760mmHg
- Flash point (PMCC): >200°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): 0.97
- Solubility(ies): Insoluble in water.
- Partition coefficient: n-octanol/water: Not available.
- Auto-ignition temperature: Not available.
- Decomposition Temperature: Not available.
- Viscosity (25°C): 800 – 2000 cps
- Explosive properties: Not applicable.
- Oxidising properties: Not applicable.

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: Low toxicity under normal conditions of handling and use.
Inhalation: Low toxicity under normal conditions of handling and use.
Skin Contact: None anticipated
Eye Contact: None anticipated

Effects and Symptoms

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
Calculatable acute toxicity estimate (ATE): Not available

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity
Low toxicity to aquatic organisms.

12.2 Persistence and degradability
This substance is predicted to degrade in soil and water.

12.3 Bioaccumulative potential
The substance has low potential for bioaccumulation.

12.4 Mobility in soil
The substance is predicted to have low mobility in soil.

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 container in a safe way.

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
Possible trace amounts of: (<0.1%)
Octamethylcyclotetrasiloxane (CAS# 556-67-2)
Decamethylcyclopentasiloxane (CAS# 541-02-6)
Dodecamethylcyclohexasiloxane (CAS# 540-97-6)
## 15.3 International Inventories

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<thead>
<tr>
<th>Country</th>
<th>Listed</th>
<th>Not listed</th>
<th>Polymer exempt</th>
<th>Other</th>
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<tbody>
<tr>
<td>United States (TSCA)</td>
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<td></td>
</tr>
<tr>
<td>Canada (DSL/NDSL)</td>
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<tr>
<td>European Union (EINECS/ELINCS)</td>
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<td>Taiwan (TCSI)</td>
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<td>New Zealand (NZIoC)</td>
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<tr>
<td>Philippines (PICCS)</td>
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</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)
  - H = 1 / F = 0 / R = 0
- NFPA Rating
  - H = 1 / F = 0 / 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
- None known.

### 15.5.2 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER
- None known.

### 15.5.3 State Right to Know Lists
- None known.

## 16. SECTION 16: OTHER INFORMATION

**Revision:** October 11, 2018

### 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)

- P262: Do not get in eyes, on skin, or on clothing.
- **Hazard pictogram(s) and Hazard Symbol**
  - NONE

### Additional Information

### Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Siltech Corp. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Siltech Corp. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.