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

1.1 Product identifier
- **Product Name**: Silstab 3040
- **Product code**: 3280.82
- **Chemical Name**: Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, ethers with polyethylene glycol mono-Me ether
- **CAS No.**: 68938-54-5 / 9082-00-2

1.2 Recommended use of the chemical and restrictions on use
- **Identified use(s)**: Foaming or blowing agent
- **Uses advised against**: Foam

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
- **Flammable Liquid Category**: 4

2.2 Label elements
- **Product Name**: Silstab 3040
- **Symbol**: NONE
- **Signal word(s)**: Warning
- **Hazard statement(s)**: H227: Combustible liquid.
- **Precautionary statement(s)**: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
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

<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>Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, ethers with polyethylene glycol mono-Me ether</td>
<td>---</td>
<td>&gt; 20</td>
<td>68938-54-5</td>
<td>None assigned</td>
<td>H227</td>
</tr>
</tbody>
</table>
4. **SECTION 4: FIRST AID MEASURES**

4.1 **Description of first aid measures**

<table>
<thead>
<tr>
<th>Exposure</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Unlikely to be required but if necessary treat symptomatically.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>Unlikely to be required but if necessary treat symptomatically.</td>
</tr>
<tr>
<td>Eye Contact</td>
<td>If substance has got into the eyes, immediately wash out with plenty of water for several minutes.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>If swallowed, seek medical advice immediately and show this container or label.</td>
</tr>
</tbody>
</table>

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. Remove all ignition sources.

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.

6.4 **Reference to other sections**

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**

- 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**
<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>
</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: Colourless to yellowish liquid.
- Odour: Perceptible odour.
- Odour Threshold: Not available.
- pH: Not available.
- Melting Point/Freezing Point: Not available.
- Initial boiling point and boiling range: Not available.
- Flash point (PMCC): 68°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): 1.01
- Solubility(ies): Insoluble in water.
- Partition coefficient: n-octanol/water: Not available.
- Auto-ignition temperature: Not available.
- Decomposition Temperature: Not available.
- Viscosity (25°C): 300 – 700 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
- 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 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 Air (ICAO/IATA): Not classified as hazardous for air transport.
14.2 Sea (IMDG): Not classified as hazardous for marine transport.
14.3 TDG / Road/Rail (ADR/RID): Not classified as hazardous for transport.
14.4 DOT / CFR (US Department of Transportation): (Applicable only to containers > 119 gallons or 450L)
   - UN number: 1993
   - DOT Proper Shipping Name: Combustible liquid, N.O.S. (Polysiloxane)
   - Class: 3 Packing group III

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: (<0.01%)
     - Octamethylcyclotetrasiloxane (CAS# 556-67-2)
     - Decamethylcyclopentasiloxane (CAS# 541-02-6)
     - Dodecamethylcyclohexasiloxane (CAS# 540-97-6)
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>
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<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>
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<td>✓</td>
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<td>Australia (AICS)</td>
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<tr>
<td>China (IECSO)</td>
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<td>Japan (ENCS)</td>
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<td>New Zealand (NZIoC)</td>
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<tr>
<td>Philippines (PICCS)</td>
<td>✓</td>
<td></td>
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</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 = 2 / 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
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
1,4-Dioxane (CAS# 123-91-1) < 1 ppm

16. SECTION 16: OTHER INFORMATION
Revision: November 28, 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

References:
Hazard statement(s) and Precautionary statement(s)
H227: Combustible liquid.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P403+P235: Store in a well-ventilated place. Keep cool.
P501: Dispose of contents/container to: Observe Local Regulations.
Hazard pictogram(s) and Hazard Symbol
NONE

Additional Information

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