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

1.1 Product identifier
   Product Name: Siltech L-25
   Product code: 2889
   Chemical Name: Siloxanes and Silicones, di-Me, 3-hydroxypropyl group-terminated, ethoxylated
   CAS No.: 102783-01-7

1.2 Recommended use of the chemical and restrictions on use
   Identified use(s): PC23 Leather tanning, dye, finishing, impregnation and care products
   Surface active agent, Coatings, Additive
   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 L-25
   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>
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</thead>
<tbody>
<tr>
<td>Contains no hazardous ingredients</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. 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. Do not allow material to freeze.

Storage Temperature: Ambient. Ideal storage temperature is (°C): 15 - 40
Storage Life: Stable under normal conditions.
Special storage conditions: Do not freeze. If the product does solidify, heat (to approximately 40°C) and mix until the product returns to a clear liquid.

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
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
Faint.
Odour Threshold
Not available.
Melting Point/Freezing Point
Not available.
Initial boiling point and boiling range
>100°C @ 760mmHg
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)
1.02
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 – 600 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
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 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.
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: (<0.01%)
Octamethylcyclotetrasiloxane (CAS# 556-67-2)
Decamethylcyclopentasiloxane (CAS# 541-02-6)
Dodecamethylcyclohexasiloxane (CAS# 540-97-6)
15.3 International Inventories

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<th>Not listed</th>
<th>Polymer exempt</th>
<th>Other</th>
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</thead>
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</tr>
<tr>
<td>Canada (DSL/NDSL)</td>
<td>✓</td>
<td></td>
<td>DSL ✓</td>
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<tr>
<td>European Union (EINECS/ELINCS)</td>
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</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 = 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**
- **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: October 01, 2018

**LEGEND**

- LTEL: Long Term Exposure Limit
- STEL: Short Term Exposure Limit
- STOT: Specific Target Organ Toxicity
- DNEL: Derived No Effect Level
- PNE: Predicted No Effect Concentration
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative

**References:**

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

Training advice:
Additioonal Information

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