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

1.1 Product identifier
   - **Product Name**: Silmer EPC Di-50
   - **Product code**: 5890.1
   - **Chemical Name**: Siloxanes and silicones, di-Me, 2-(7-oxabicyclo[4.1.0]hept-3-yl)ethyl group terminated
     - **CAS No.**: 102782-98-9

1.2 Recommended use of the chemical and restrictions on use
   - **Identified use(s)**: An intermediate chemical product.
   - **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**: Silmer EPC Di-50
   - **Symbol**: NONE
   - **Signal word(s)**: NONE
   - **Hazard 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
   - Contains no hazardous ingredients

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 CO\(_2\) 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/m(^3))</th>
<th>STEL (ppm)</th>
<th>STEL (mg/m(^3))</th>
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#### 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.

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 Colourless to yellowish 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) >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) Not available.
- Solubility(ies) Insoluble in water.
- Partition coefficient: n-octanol/water Not available.
- Auto-ignition temperature Not available.
- Decomposition Temperature Not available.
- Viscosity (25°C) 50 - 150 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 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 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)

15.2 International Inventories

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<th>Polymer exempt</th>
<th>Other</th>
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Revision: 3 Page: 4/5 Date: 16/10/2020
15.3 National regulations
United States (TSCA) Not listed
HMIS (Hazardous Material Information System) H = 1 / F = 1 / R = 0
NFPA Rating H = 1 / F = 1 / R = 0

15.4 US State Regulations
15.4.1 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM None known.
15.4.2 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER None known.
15.4.3 State Right to Know Lists Octamethylcyclotetrasiloxane (CAS# 556-67-2) <0.1%

16. SECTION 16: OTHER INFORMATION
Revision: October 16, 2020

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

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