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

1.1 **Product identifier**
- **Product Name**: Siltech E-2150
- **Product code**: 6083
- **Chemical Name**: Mixture
- **CAS No.**: 68554-54-1 / 60828-78-6 / 7732-18-5

1.2 **Recommended use of the chemical and restrictions on use**
- **Identified use(s)**: Coatings
- **Additive**
- **intermediate use**
- **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**
- **Eye Dam. 1**
- **Skin Sens. 1**
- **Repr. 1B**

2.2 **Label elements**
- **Product Name**: Siltech E-2150

- **Symbol**

- **Signal word(s)**: Danger
- **Hazard statement(s)**: H317: May cause an allergic skin reaction.
  - H318: Causes serious eye damage.
  - H360FD: May damage fertility. May damage the unborn child.

- **Precautionary statement(s)**: P261: Avoid breathing dust/lume/gas/mist/vapours/spray.
  - P272: Contaminated work clothing should not be allowed out of the workplace.
  - P280: Wear protective gloves/protective clothing/eye protection/face protection.
  - P302+P352: IF ON SKIN: Wash with plenty of water.
  - 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.
P310: Immediately call a POISON CENTER/doctor.
P308+P313: IF exposed or concerned: Get medical advice/attention.
P363: Wash contaminated clothing before reuse.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P501: Dispose of contents/container to: Observe Local Regulations.
None known

2.3 Other hazards

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>Poly(oxy-1,2-ethanediyl)-alpha-[3,5-dimethyl-1-(2-methylpropyl) hexyl]-omega-hydroxy-Polyethylene glycol mono (3,5-dimethyl-1-isobutylhexyl) ether</td>
<td></td>
<td>3 - 6</td>
<td>60828-78-6</td>
<td>612-043-8</td>
<td>GHS05 H315, H318</td>
</tr>
<tr>
<td>Dibutyltin dilaurate</td>
<td>DBTDL</td>
<td>0.37</td>
<td>77-58-7</td>
<td>201-039-8</td>
<td>GHS05, GHS08 GHS07, GHS09 H302, H314, H317, H341, H360FD, H370, H372, H400,</td>
</tr>
<tr>
<td>2-bromo-2-nitropropane-1,3-diol</td>
<td>bronopol</td>
<td>0.016 – 0.018</td>
<td>52-51-7</td>
<td>200-143-0</td>
<td>GHS09, GHS05, GHS07 H302, H312, H315, H318, H335, H400,</td>
</tr>
<tr>
<td>5-Chloro-2-methyl-3(2H)-isothiazazolone mixt. with 2-methyl-3(2H)-isothiazazolone</td>
<td>CMIT/MIT</td>
<td>0.002 – 0.0025</td>
<td>55965-84-9</td>
<td>611-341-5</td>
<td>GHS09, GHS05, GHS06 H301, H311, H314, H317, H331, H400, H410</td>
</tr>
</tbody>
</table>

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation
IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Skin Contact
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.

Eye Contact
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain immediate medical attention.

Ingestion
If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed
Causes serious eye damage. Repeated and/or prolonged contact may cause skin sensitisation.

4.3 Indication of any immediate medical attention and special treatment needed
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.

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
Store in a tightly closed container.

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>Dibutyltin dilaurate</td>
<td>77-58-7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(as Sn)</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
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: Liquid Opaque (Milky white)
- Odour: Faint
- Odour Threshold: Not available
- pH: 10.0 – 11.0
- 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): 1.00
- Solubility(ies): Dispersible in water
- Partition coefficient: n-octanol/water: Not available
- Auto-ignition temperature: Not available
- Decomposition Temperature: Not available
- Viscosity (25°C): Not available
- 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: 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: Not classified
  - Serious eye damage/irritation: Causes serious eye damage
  - Respiratory or skin sensitization: May cause sensitization by skin contact
  - Germ cell mutagenicity: Not classified
  - Carcinogenicity: Not classified
  - Reproductive toxicity: May damage fertility or the unborn child
  - 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.
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)
Decamethylcyclopentasiloxane (CAS# 541-02-6)
Dodecamethylcyclohexasiloxane (CAS# 540-97-6)

Contains:
Dibutyltin dilaurate (CAS# 77-58-7) 0.37%
2-bromo-2-nitropropane-1,3-diol (CAS# 52-51-7) 0.016 – 0.018%
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (CAS# 55965-84-9) 0.002 – 0.0025%

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>
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<tr>
<td>European Union (EINECS/ELINCS)</td>
<td></td>
<td>✔</td>
<td></td>
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<tr>
<td>Australia (AICS)</td>
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<tr>
<td>China (IECSO)</td>
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<td>Japan (ENCS)</td>
<td>✔</td>
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<td>South Korea (KECI)</td>
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<tr>
<td>Taiwan (TCSI)</td>
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<tr>
<td>New Zealand (NZIoC)</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
</tr>
<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)
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**

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: January 14, 2019

**LEGEND**

<table>
<thead>
<tr>
<th>Code</th>
<th>Term</th>
</tr>
</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)**

H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H360FD: May damage fertility. May damage the unborn child.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
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P363: Wash contaminated clothing before reuse.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P501: Dispose of contents/container to: Observe Local Regulations.

**Hazard pictogram(s) and Hazard Symbol**

![GHS05](image1) ![GHS08](image2) ![GHS07](image3)

**Additional Information**

**Disclaimers**

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