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

1.1 **Product identifier**
- Product Name: Siltech E-2155
- Product code: 6082
- 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-2155
- 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/fume/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-</td>
<td>Polyethylene glycol mono (3,5-dimethyl-1-isobutylhexyl) ether</td>
<td>4 - 8</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>0.50</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)-isothiazolone mixt. with 2-methyl-3(2H)-isothiazolone</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.

- 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>Dibutyltin dilaurate</td>
<td>77-58-7</td>
<td>0.1</td>
<td>0.2</td>
<td>(as Sn)</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: 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: 4.0 – 7.0
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 Possible trace amounts of: (<0.1%)
Octamethylcyclotetrasiloxane (CAS# 556-67-2)
Decamethylcyclopentasiloxane (CAS# 541-02-6)
Dodecamethylcyclohexasiloxane (CAS# 540-97-6)
Contains:
Dibutyltin dilaurate (CAS# 77-58-7) 0.50%
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>
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<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Canada (DSL/NDSL)</td>
<td>DSL ✔</td>
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<td></td>
<td>✔</td>
</tr>
<tr>
<td>European Union (EINECS/ELINCS)</td>
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<td></td>
<td>✔</td>
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<tr>
<td>Australia (AICS)</td>
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<td>China (IECSC)</td>
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<td>Japan (ENCS)</td>
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<td>Taiwan (TCSI)</td>
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<td>New Zealand (NZIoC)</td>
<td>✔</td>
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<tr>
<td>Philippines (PICCS)</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
LTFL 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)
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
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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

Additional Information

Disclaimers

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