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

1.1 Product identifier
   Product Name: Siltech C-204
   Product code: 2872.1
   Chemical Name: Mixture
   CAS No.: 68937-54-2 / 34590-94-8

1.2 Recommended use of the chemical and restrictions on use
   Identified use(s): Coatings, Surface active agent, 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
   Flammable Liquid Category 4

2.2 Label elements
   Product Name: Siltech C-204
   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>(2-methoxymethylethoxy)propanol</td>
<td>DPGME</td>
<td>45 - 55</td>
<td>34590-94-8</td>
<td>252-104-2</td>
<td>H227</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: Wash with plenty of water.

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

Ingestion
Treat symptomatically.

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

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. Ground/bond container and receiving equipment. 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.

Ambient

Storage Life
Stable under normal conditions.

Incompatible materials
Oxidizing agents

Industrial use

7.3 Specific end use(s)

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. Plastic or rubber gloves.

Respiratory protection
In case of insufficient ventilation, wear suitable respiratory equipment.

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 Characteristic odour.
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) 74°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) 0.99
Solubility(ies) Dispersible in water.
Partition coefficient: n-octanol/water Not available.
Auto-ignition temperature 207°C
Decomposition Temperature Not available.
Viscosity (25°C) 20 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: May cause irritation
Eye Contact: May cause irritation

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
- 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 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)
1993
Combustible Liquid, N.O.S. (DIPROPYLENE GLYCOL METHYL ETHER Solution)
Class
3 Packing group III

15. SECTION 15: REGULATORY INFORMATION

15.1 EU regulations
REACH Registration No. Polymer exempt / Not available
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)
### 15.2 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/NSL)</td>
<td></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>
<tr>
<td>Australia (AICS)</td>
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<tr>
<td>Philippines (PICCS)</td>
<td>✓</td>
<td></td>
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</tr>
</tbody>
</table>

### 15.3 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 = 2 / R = 0

NFPA Rating

- H = 1 / F = 2 / 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**

- Specific Listing(s) not required
- Possible trace amounts of:
  - Ethylene Oxide (CAS# 75-21-8) < 1 ppm

**15.4.2 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

**15.4.3 State Right to Know Lists**

- DPGME (CAS# 34590-94-8) 45 – 55%
- 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:** December 05, 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

**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
Training advice:

Additional Information

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