



# SAFETY DATA SHEET

WHMIS 2015 • OSHA HCS (29 CFR 1910.1200) • NOM-018-STPS-2015

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

### 1.1 Product identifier

Product Name **SilPex J2-S-PG**  
Product code 6041.16  
Chemical Name Mixture  
CAS No. 2773304-64-4 / 57-55-6  
Alternative names (INCI) Silicone Quaternium-20

### 1.2 Recommended use of the chemical and restrictions on use

Identified use(s) PC39 Cosmetics, personal care products  
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 **SilPlex J2-S-PG**  
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 Mixtures

Hazardous ingredient(s)	Synonym(s)	%W/W	CAS No.	EC No.	Hazard pictogram(s) and Hazard statement(s)
Contains no hazardous ingredients					

## 4. SECTION 4: FIRST AID MEASURES



### 4.1 Description of first aid measures

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact	Gently wash with plenty of soap and water.
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.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	Not available.
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	Treat symptomatically.

## 5. SECTION 5: FIRE-FIGHTING MEASURES

<b>5.1 Extinguishing Media</b>	
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
<b>5.2 Special hazards arising from the substance or mixture</b>	Silicon Dioxide, carbon oxides, incompletely burned carbon compounds, formaldehyde.
<b>5.3 Advice for fire-fighters</b>	A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

## 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
<b>6.2 Environmental precautions</b>	Avoid release to the environment.
<b>6.3 Methods and material for containment and cleaning up</b>	Caution - spillages may be slippery. Cover spills with inert absorbent material. Transfer to a container for disposal.
<b>6.4 Reference to other sections</b>	See Section: 7 & 8.

## 7. SECTION 7: HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>	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.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	Store in a tightly closed container.
Storage Temperature	Ambient
Storage Life	Stable under normal conditions.
Incompatible materials	Oxidizing agents
<b>7.3 Specific end use(s)</b>	Industrial use

## 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**  
**8.1.1 Occupational Exposure Limits**

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
None assigned						

<b>8.1.2 Biological limit value</b>	Not established
<b>8.1.3 PNECs and DNELs</b>	Not established
<b>8.2 Exposure controls</b>	
<b>8.2.1 Appropriate engineering controls</b>	Provide adequate ventilation.
<b>8.2.2 Personal protection equipment</b>	
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	Coloured liquid (Yellow)
Odour	Characteristic odour.
Odour Threshold	Not available.
pH	Not available.
Melting Point/Freezing Point	Not available.
Initial boiling point and boiling range	Not available.
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)	1.04
Solubility(ies)	Soluble in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity (25°C)	400 - 1000 cps
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

**10. SECTION 10: STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	Stable under normal conditions.
<b>10.2 Chemical stability</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	Will not occur.
<b>10.4 Conditions to avoid</b>	None known.
<b>10.5 Incompatible materials</b>	Oxidizing agents.
<b>10.6 Hazardous Decomposition Product(s)</b>	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

<b>Serious eye damage/irritation</b>	Not classified
<b>Respiratory or skin sensitization</b>	Not classified
<b>Germ cell mutagenicity</b>	Not classified
<b>Carcinogenicity</b>	Not classified
<b>Reproductive toxicity</b>	Not classified
<b>STOT - single exposure</b>	Not classified
<b>STOT - repeated exposure</b>	Not classified
<b>Aspiration hazard</b>	Not classified
<b>Delayed and chronic effects</b>	Not available
<b>Calculated acute toxicity estimate (ATE)</b>	Not available

## 12. SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	Not available.
<b>12.2 Persistence and degradability</b>	Not available.
<b>12.3 Bioaccumulative potential</b>	Not available.
<b>12.4 Mobility in soil</b>	Not available.
<b>12.5 Results of PBT and VPVB assessment</b>	Not available.
<b>12.6 Other adverse effects</b>	None known

## 13. SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>	Do not empty into drains; dispose of this material and its container in a safe way.
<b>13.2 Additional Information</b>	Dispose of contents in accordance with local, state or national legislation.

## 14. SECTION 14: TRANSPORT INFORMATION

<b>14.1 DOT / TDG / Road/Rail (ADR/RID)</b>	Not classified as hazardous for road transport. Not classified as hazardous for rail transport.
<b>14.2 Air (ICAO/IATA)</b>	Not classified as hazardous for air transport.
<b>14.3 Sea (IMDG)</b>	Not classified as hazardous for marine transport.

## 15. SECTION 15: REGULATORY INFORMATION

<b>15.1 EU regulations</b>	
REACH Registration No.	Polymer exempt. / Not available
Candidate List of Substances of Very High Concern for Authorisation	Possible trace amounts of: Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.01% Decamethylcyclopentasiloxane (CAS# 541-02-6) < 0.01% Dodecamethylcyclohexasiloxane (CAS# 540-97-6) < 0.01%

### 15.2 International Inventories

Country	Listed	Not listed	Polymer exempt	Other
United States (TSCA)		X		
Canada (DSL/NDSL)		X		*
European Union (EINECS/ELINCS)			✓	
Australia (AICS)		X		
China (IECSC)		X		*
Japan (ENCS)		X		
South Korea (KECI)		X		
Taiwan (TCSI)		X		
New Zealand (NZIoC)		X		
Philippines (PICCS)		X		

### 15.3 National regulations

United States (TSCA)  
HMIS (Hazardous Material Information System)  
NFPA Rating

**Personal care exempt.**  
**H = 1 / F = 1 / R = 0**  
**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

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

Specific Listing(s) not required  
Possible trace amounts of:  
**Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 100 ppm**  
**Ethylene Oxide (CAS# 75-21-8) < 1 ppm**  
**1,4-Dioxane (CAS# 123-91-1) < 1 ppm**

## 16. SECTION 16: OTHER INFORMATION

Revision: **August 15, 2022**

### 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

### Disclaimers

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