




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	Silquat 3150
Product code	4450
Chemical Name	Mixture
CAS No.	588707-20-4 / 68604-75-1 / 61790-41-8 / 67-63-0 / 67-56-1
1.2 Recommended use of the chemical and restrictions on use	
Identified use(s)	Coatings
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	
	Flam. Liq. 2 Eye Irrit. 2 Acute Tox. 3 - Oral Acute Tox. 3 - Inhalation Acute Tox. 3 - Dermal STOT SE 1 - Optic nerve STOT SE 3 - Inhalation
2.2 Label elements	
Product Name	Silquat 3150
Symbol	
Signal word(s)	DANGER
Hazard statement(s)	H225: Highly flammable liquid and vapour. H319: Causes serious eye irritation. H301+H311+H331: Toxic if swallowed, in contact with skin or if inhaled H336: May cause drowsiness or dizziness. H370: Causes damage to organs: Optic nerve
Precautionary statement(s)	P210: Keep away from heat, hot surfaces, sparks, open equipment, flames and other ignition sources. No smoking. P240: Ground/bond container and receiving equipment, flames and other ignition sources. No smoking. P241: Use explosion-proof electrical/ventilating/lighting/equipment. P242: Use only non-sparking tools. P243: Take precautionary measures against static

discharge.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P270: Do not eat, drink or smoke when using this product.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P311: Call a POISON CENTER/doctor.
P363: Wash contaminated clothing before reuse.
P403+P235: Store in a well-ventilated place. Keep cool.
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

Hazardous ingredient(s)	Synonym(s)	%W/W	CAS No.	EC No.	Hazard pictogram(s) and Hazard statement(s)
Isopropyl alcohol	2-propanol	20 - 30	67-63-0	200-661-7	GHS02, GHS07 H225, H319, H336
methyl alcohol	methanol	5 - 15	67-56-1	200-659-6	GHS02, GHS08, GHS06 H225, H301, H311, H331, H370

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention immediately if inhaled.
Skin Contact	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation 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. Get medical attention if eye irritation develops or persists.
Ingestion	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
4.2 Most important symptoms and effects, both acute and delayed	Causes serious eye irritation. May disturb the central nervous system.
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.
Unsuitable Extinguishing Media Do not use water jet.
- 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. Wear suitable respiratory protection. Remove all ignition sources.
- 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 Do not allow product to come into contact with water or moisture.
- 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

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
2-propanol	67-63-0	400				
Methanol	67-56-1	200		250		skin

- 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 if fumes or vapours are likely to be evolved to ensure that the defined occupational exposure limit is not exceeded.
- 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 protective clothing, including eye/face protection and gloves (neoprene or nitrile are



Respiratory protection

recommended).

Use NIOSH approved 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	Coloured liquid (Amber)
Odour	Characteristic odour.
Odour Threshold	Not available.
pH	3.5 – 6.5
Melting Point/Freezing Point	Not available.
Initial boiling point and boiling range	Not available.
Flash point (PMCC)	13°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)	0.95
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 available.
Oxidising properties	Not available.

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	May form explosive mixtures with air.
10.4 Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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	Toxic by inhalation, in contact with skin and if swallowed.
Inhalation	Toxic by inhalation, in contact with skin and if swallowed.
Skin Contact	Toxic by inhalation, in contact with skin and if swallowed.
Eye Contact	Causes serious eye irritation.

Effects and Symptoms

skin corrosion/irritation	May cause irritation
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitization	May cause damage to the central nervous system.
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified

Reproductive toxicity	Not classified
STOT - single exposure	Vapours may cause drowsiness and dizziness. Can cause damage to the eyes.
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 UN number	1993
14.2 UN proper shipping name	FLAMMABLE LIQUID, N.O.S. (Isopropanol Solution)
14.3 Class	3 Packing group II

15. SECTION 15: REGULATORY INFORMATION

15.1 EU regulations

REACH Registration No.	Not available.
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

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

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
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HMIS (Hazardous Material Information System) (Inventory Rules).
NFPA Rating **H = 3 / F = 3 / R = 0**
H = 3 / F = 3 / 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 **Methanol (CAS# 67-56-1) 5 – 15%**
- 15.4.2 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER None known.
- 15.4.3 State Right to Know Lists **Isopropanol (CAS# 67-63-0) 20 - 30%**
Methanol (CAS# 67-56-1) 5 – 15%
Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.1%

16. SECTION 16: OTHER INFORMATION

Revision: **January 09, 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)

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Hazard pictogram(s) and Hazard Symbol



Additional Information

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