



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	Siltech E-2220
Product code	6257
Chemical Name	Mixture
CAS No.	67762-90-7 / 7732-18-5 / 24938-91-8 / 78330-20-8
Alternative names (INCI)	Simethicone
1.2 Recommended use of the chemical and restrictions on use	
Identified use(s)	Anti-foamer (defoamer)
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)	marsha.carter@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.	CANUTEC - TELEPHONE: EMERGENCY USE ONLY +1-613-996-6666

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
	Acute Tox. 4 - Oral Eye Dam. 1
2.2 Label elements	
Product Name	Siltech E-2220
Symbol	
Signal word(s)	DANGER
Hazard statement(s)	H302: Harmful if swallowed. H318: Causes serious eye damage.
Precautionary statement(s)	P262: Do not get in eyes, on skin, or on clothing. P264: Wash hands and exposed skin thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. 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 CENTRE/doctor. 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

Hazardous ingredient(s)	Synonym(s)	%W/W	CAS No.	EC No.	Hazard pictogram(s) and Hazard statement(s)
Polyethylene glycol monotridecyl ether	tridecyl alcohol ethoxylate	2 - 5	24938-91-8	607-463-3	GHS05, GHS07 H302, H318
Alcohols, C9-11-iso-, C10-rich, ethoxylated	isodecyl alcohol ethoxylate	1 - 3	78330-20-8	616-607-4	GHS05, GHS07 H302, H318

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation
Skin Contact
Eye Contact

Remove person to fresh air and keep comfortable for breathing.
IF ON SKIN: Gently wash with plenty of soap and water.
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: rinse mouth. Do NOT induce vomiting. Call a POISON CENTRE/doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye damage.

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

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.

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

- 7.2 **Conditions for safe storage, including any incompatibilities**
 Storage Temperature: Ambient
 Storage Life: Stable under normal conditions.
 Incompatible materials: Oxidizing agents
- 7.3 **Specific end use(s)**
 Industrial use
- handling. General hygiene measures for the handling of chemicals are applicable.
 Store in a tightly closed container.

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
None assigned						

- 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)
 Odour: Perceptible odour.
 Odour Threshold: Not available.
 pH: 7.0 – 8.0
 Melting Point/Freezing Point: Not available.
 Initial boiling point and boiling range: >100°C @ 760mmHg
 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): 1.00
 Solubility(ies): Dispersible in water.
 Partition coefficient: n-octanol/water: Not available.

Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity (25°C)	1000 - 2000 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 compounds, formaldehyde.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute toxicity	
Ingestion	May be harmful if swallowed.
Inhalation	Low toxicity under normal conditions of handling and use.
Skin Contact	May cause irritation.
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	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	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	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:

Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.005%
Decamethylcyclopentasiloxane (CAS# 541-02-6) < 0.005%
Dodecamethylcyclohexasiloxane (CAS# 540-97-6) < 0.005%
1,4-Dioxane (CAS# 123-91-1) < 1 ppm

Contains:

1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione (DMDMH) (CAS# 6440-58-0) < 0.16%
Formaldehyde (CAS# 50-00-0) < 0.003%

15.2 International Inventories

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

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)
NFPA Rating

H = 1 / F = 0 / R = 0
H = 1 / F = 0 / 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:

Formaldehyde (CAS# 50-00-0) 30 ppm
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) < 0.005%
Formaldehyde (CAS# 50-00-0) 30 ppm
Ethylene Oxide (CAS# 75-21-8) < 1 ppm
1,4-Dioxane (CAS# 123-91-1) < 1 ppm

16. SECTION 16: OTHER INFORMATION

Revision: **May 09, 2023**

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)

H302: Harmful if swallowed.

H318: Causes serious eye damage.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash hands and exposed skin thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

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 CENTRE/doctor.

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 **GHS07**

Additional Information

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Siltech Corp. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Siltech Corp. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.