




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 C-261
Product code	2093
Chemical Name	Mixture
CAS No.	123-86-4 / 68937-54-2
1.2 Recommended use of the chemical and restrictions on use	
Identified use(s)	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	Flam. Liq. 3 STOT SE 3 - Oral , Inhalation
2.2 Label elements	
Product Name	Siltech C-261
Symbol	
Signal word(s)	Warning
Hazard statement(s)	H226: Flammable liquid and vapour. H336: May cause drowsiness or dizziness.
Precautionary statement(s)	P210: Keep away from heat, hot surfaces, sparks, open 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. P261: Avoid breathing spray. P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340: IF INHALED: Remove person to fresh air and

keep comfortable for breathing.
P312: Call a POISON CENTER/doctor if you feel unwell.
P403+P235: Store in a well-ventilated place. Keep cool.
P501: Dispose of contents/container to: approved waste disposal facility.

2.3 Other hazards

May form explosive vapour/air mixtures.
Static-accumulating flammable liquid.

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)
n-butyl acetate	1-butyl-acetate	80 - 90	123-86-4	204-658-1	GHS02, GHS07 H226, H336

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

Remove person to fresh air and keep comfortable for breathing.
Seek medical attention if ill effects occur.

Skin Contact

Remove contaminated clothing immediately and wash affected skin with soap and water. Seek medical attention if ill effects occur.

Eye Contact

If substance has got into the eyes, immediately wash out with plenty of water for several minutes. Seek medical attention if irritation persists.

Ingestion

If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting. Rinse mouth with water (only if the person is conscious).

4.2 Most important symptoms and effects, both acute and delayed

Causes skin irritation.
May cause drowsiness and dizziness.

4.3 Indication of any immediate medical attention and special treatment needed

IF exposed or concerned: Get medical advice/attention. 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.

Unsuitable Extinguishing Media

Do not use water jet.

5.2 Special hazards arising from the substance or mixture

NEVER direct water jet on liquid. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback. May form explosive vapour/air mixtures. 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. Water spray should be used to cool containers.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Eliminate all ignition sources if safe to do so. 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

Caution - spillages may be slippery. Cover spills with inert

- 6.4 cleaning up** absorbent material. Transfer to a container for disposal.
Reference to other sections See Section: 7 & 8.




7. SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Ground/bond container and receiving equipment. Use only non-sparking tools. Avoid ingestion. Use only with sufficient ventilation. Wash thoroughly after handling. Keep away from moisture. Keep away from water. General hygiene measures for the handling of chemicals are applicable.
- 7.2 Conditions for safe storage, including any incompatibilities** Keep container tightly closed, in a cool, well ventilated place. Keep away from sources of ignition.
Storage Temperature Ambient
Storage Life Stable under normal conditions.
Incompatible materials Keep/store away from: 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

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
n-Butyl acetate	123-86-4	150		200		

- 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** Use with local exhaust 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 anti-static clothing and shoes. Wear suitable gloves, boots and apron.
- Respiratory protection  In case of high airborne concentrations, wear suitable positive pressure respiratory protection equipment. 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 liquid.
Odour Faint.
Odour Threshold Not available.
pH Not available.
Melting Point/Freezing Point Not available.
Initial boiling point and boiling range 126°C
Flash point (PMCC) 29°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)	0.91
Solubility(ies)	Not available.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity (25°C)	3 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	Highly flammable liquid and vapour. May form explosive mixtures with air. Reacts with strong oxidizing substances.
10.4 Conditions to avoid	Keep away from static electricity. Keep away from heat and sparks.
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	Not classified
Eye Contact	Not classified.
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
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT - single exposure	May cause drowsiness or dizziness.
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	Toxic to aquatic life with long lasting effects.
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
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- 13.2 Additional Information** container in a safe way.
Dispose of contents in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

- 14.1** UN number 1123
14.2 Proper Shipping Name BUTYL ACETATES
14.3 Class 3 Packing group III



15. SECTION 15: REGULATORY INFORMATION

- 15.1 EU regulations**
REACH Registration No. Not available.
Candidate List of Substances of Very High Concern Possible trace amounts of: < 0.01%
for Authorisation 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)	✓			
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) **H = 3 / F = 3 / R = 0**
NFPA Rating **H = 2 / 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 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) < 0.01%
Ethylene Oxide (CAS# 75-21-8) < 1 ppm
1,4-Dioxane (CAS# 123-91-1) < 1 ppm

16. SECTION 16: OTHER INFORMATION

Revision: **October 30, 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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P233: Keep container tightly closed.

P240: Ground/bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting/.../ equipment.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

P261: Avoid breathing spray.

P271: Use only outdoors or in a well-ventilated area.

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

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTER/doctor if you feel unwell.

P403+P235: Store in a well-ventilated place. Keep cool.

Hazard pictogram(s) and Hazard Symbol



GHS02

GHS07

Additional Information

Disclaimers

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