



# SILTECH CORP.

Material Safety Data Sheet

Siltech C-468  
MSDS NR: 2114

Revised: January 21, 2010

## SECTION 1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

**Material Identification:** Siltech C-468

**Chemical Name:** Polydimethylsiloxane Copolymer

**Company Identification:** Siltech Corp.

225 Wicksteed Avenue  
Toronto, Ont.  
M4H 1G5  
(416) 424-4567

**CANUTEC 24-HOUR EMERGENCY RESPONSE TELEPHONE NUMBER: (613) 996-6666**

USE IN CASE OF A DANGEROUS GOODS EMERGENCY

## SECTION 2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

CAS NR	Wt %	Components
-	-	none

**THIS MATERIAL IS FOR INDUSTRIAL USE ONLY - NOT FOR FOOD, MEDICAL OR DRUG USE.**

## SECTION 3. HAZARDS IDENTIFICATION

**Eyes:** Direct contact may cause mild irritation.

**Skin:** No significant irritation expected from a single short-term irritation.

**Inhalation:** No significant effects expected from a single short-term exposure.

**Oral:** Low ingestion hazard in normal use.

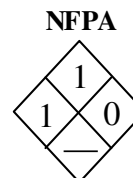
**Repeated exposure effects:**

**Skin:** No known applicable information.

**Inhalation:** No known applicable information.

**Oral:** No known applicable information.

HMIS	
H	1
F	1
R	0



**Comments:** Good manufacturing practices are always recommended when handling any chemical.

## SECTION 4. FIRST AID MEASURES

**Eyes:** Immediately flush with water for 15 minutes. Obtain medical attention if irritation occurs.

**Skin:** No first aid should be needed.

**Inhalation:** No first aid should be needed.

**Oral:** No first aid should be needed.

**Comments:** Treat symptomatically.

## SECTION 5. FIRE FIGHTING MEASURES

**Flash Point :** > 200°C (Pensky-Martens closed cup).

**Autoignition Temperature:** Not determined.

**Flammability Limits in Air:** Not determined.

**Extinguishing Media:** Dry chemical, carbon dioxide (CO<sub>2</sub>), foam, or water spray. Water can be used to cool fire exposed containers.

**Fire Fighting Procedures:** Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

**Hazardous Decomposition Products:** Carbon oxides and traces of incompletely burned carbon compounds, silicon dioxide, and formaldehyde.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Containment/Clean up:** Collect for disposal. Clean up remaining materials from spill with suitable absorbent. For large spills provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean area as appropriate since some silicone material, even in small quantities, may present a slip hazard. Final cleaning may require steam, solvents or detergents. Observe all personal protection equipment recommendations described in Sections 5 and 8 of this MSDS. Observe all Federal, Provincial and local regulations that may apply to the clean up of this material.

## SECTION 7. HANDLING AND STORAGE

**Handling (Personnel):** Avoid eye contact.

**Storage:** Keep container tightly closed and away from oxidizing materials.

## SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### **Engineering Controls:**

Local Exhaust: Recommended.

General Ventilation: Recommended.

### **Personal Protective Equipment for Routine Handling**

Eyes: Use proper protection - safety glasses as a minimum.

Skin: Washing at mealtime and end of shift is adequate.

Suitable Gloves: No special protection is needed.

Inhalation: No respiratory protection should be needed.

### **Personal Protective Equipment for Spills**

Eyes: Use proper protection - safety glasses as a minimum.

Skin: Washing at mealtime and end of shift is adequate.

Inhalation/Suitable Respirator: No respiratory protection should be needed.

Precautionary Measures: Avoid eye contact.

**Note:** These precautions are for room temperature handling. Use at elevated temperatures or aerosol spray applications may require added precautions.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical form:</b>	Clear to Hazy Liquid	<b>Viscosity@ 25°C:</b>	400 – 1,000 cps
<b>Colour:</b>	Colourless to Yellow	<b>Melting Point:</b>	Not applicable
<b>Odour:</b>	Mild	<b>Boiling point:</b>	>100°C @ 760 mmHg
<b>Specific Gravity @ 25°C:</b>	1.02	<b>Density (g/ml) @ 25°C:</b>	1.02
<b>Solubility in Water:</b>	Soluble	<b>pH:</b>	4.0 – 7.2 (1% in DW)

### SECTION 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** None known.

**Materials to Avoid:** None known.

### SECTION 11. TOXICOLOGICAL INFORMATION

Optional Section - Complete information not yet available.

### SECTION 12. ECOLOGICAL INFORMATION

Optional Section - Complete information not yet available.

### SECTION 13. DISPOSAL CONSIDERATIONS

Landfill and/or incineration where permitted under Federal, Provincial or local laws. Observe all local, Provincial, and Federal waste management regulations.

### SECTION 14. TRANSPORTATION INFORMATION

**Shipping Name:** Not applicable

**Technical Name:** Not applicable

**Primary Class:** Not applicable

**Subsidiary Risk:** Not assessed

**Product Identification Number:** Not applicable

**Packing Group:** Not applicable

## SECTION 15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the CPR, and this MSDS contains all the information required by the CPR.

**WHMIS Classification:** This product is not subject to WHMIS regulations.

**DSL:** All ingredients are on or exempted from the inventory.

**TSCA:** All ingredients are on the inventory.

**EINECS:** All ingredients are on or exempted from the inventory.

### **EPA SARA Title III Chemical Listings:**

Section 302 Extremely Hazardous Substances (40 CFR 355): **None**

Section 304 CERCLA Hazardous Substances (40 CFR 302): **None**

Section 311/312 Hazard Class (40 CFR 370): Acute: **No**; Chronic: **No**; Fire: **No**; Pressure: **No**; Reactive: **No**

Section 313 Toxic Chemicals (40 CFR 372): **None**

### **Supplemental State Compliance Information**

#### **California**

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm: **None known.**

#### **Massachusetts**

No ingredients regulated by MA Right-to-know Law present.

#### **New Jersey**

No ingredients regulated by NJ Right-to-know Law present.

#### **Pennsylvania**

No ingredients regulated by PA Right-to-know Law present.

## SECTION 16. OTHER INFORMATION

The data in this MSDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. This data is offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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