



SILTECH CORP.

Material Safety Data Sheet

Siltech C-32
MSDS NR: 5374

Revised: August 28, 2009

SECTION 1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification: Siltech C-32

Chemical Name: Alkyl and aryl modified polydimethylsiloxane

INCI Name: None

CAS #: 68037-77-4

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 severe irritation.

Skin: May cause slight irritation.

Inhalation: Toxic by aerosol inhalation.

Oral: Low ingestion hazard in normal use.

Repeated exposure effects:

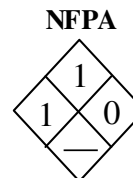
Skin: Repeated or prolonged exposure may cause irritation.

Inhalation: No known applicable information.

Oral: Repeated ingestion or swallowing large amounts may injure internally.

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

HMIS	
H	1
F	1
R	0



SECTION 4. FIRST AID MEASURES

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

Skin: Remove contaminated clothing and wash with soap and water. No first aid should be needed.

Inhalation: If first aid is required move victim to fresh air.

Oral: No first aid should be needed. If discomfort occurs, obtain medical attention.

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, 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 skin and eye contact. Do not take internally or breathe in mist.

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: Chemical protective gloves are recommended

Suitable Gloves: Rubber, Neoprene, or Nitrile.

Inhalation: No respiratory protection should be needed.

Suitable Respirator: None should be needed.

Personal Protective Equipment for Spills

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

Skin: Chemical protective gloves recommended.

Remove and clean contaminated clothing and shoes before reuse.

Inhalation/Suitable Respirator: Use NIOSH/MHSA approved respirators.

Precautionary Measures: Avoid skin and eye contact. Do not take internally or breathe in mist.

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

Physical form:	Clear to hazy liquid	Viscosity@ 25°C:	1,100 – 1,600 cps
Colour:	Light Yellow	Melting Point:	Not applicable
Odour:	Characteristic	Boiling point:	>100°C @ 760 mmHg
Specific Gravity @ 25°C:	1.00	Density (g/ml) @ 25°C:	1.00
Solubility in Water:	Insoluble	pH:	Not determined

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions to Avoid: None known.

Materials to Avoid: Oxidizing material can cause a reaction.

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: Class D - Division 2B

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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