

MATERIAL SAFETY DATA SHEET
CHLORINATED PHENYLMETHYL-PSO - 30

Substance key: GNV52M30
 Version : 1 - 5 / USA

Revision Date: 09/01/2009
 Date of printing :09/03/2009

Section 01 - Product Information

Identification of the company:	SiVance LLC P.O. Box 1466 Gainesville, FL 32602-1466 USA, Telephone No.: +1 352 376 8246
	Information of the substance/preparation: Product Safety: +1 352-376-8246
	Emergency tel. number: +1 800-424-9300 CHEMTREC

Trade name: CHLORINATED PHENYLMETHYL-PSO - 30
CAS number: 68957-05-1
Synonyms: Chlorinated phenylmethylpolysiloxane fluid
Formula: Mixture
Chemical family: Polysilicone

Section 02 - Composition information on hazardous ingredients

Hazardous ingredients:

Component	CAS-no. (Trade secret no.)	Concentration
Chlorophenylmethylpolysiloxane	68957-05-1	100 %

Section 03 - Hazards identification

Emergency overview: May cause mild eye and skin irritation.

Expected Route of entry:

Inhalation: yes
Skin contact: yes
Eye contact: yes
Ingestion: yes
Skin absorption: no

Health effects of exposure:

Chlorophenylmethylpolysiloxane (68957-05-1)
 May be harmful if inhaled. May cause mild skin and eye irritation.

Known effects on other illnesses: Preexisting skin, eye, and respiratory conditions may be aggravated.

Listed carcinogen: IARC: No
 NTP: No
 OSHA: No
 Other: No

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Health: 1

Flammability: 1

Reactivity: 0

Personal protection: X

Section 04 - First aid measures**After inhalation:**

Remove from exposure to fresh air immediately. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

After contact with skin:

Immediately wash skin with soap and plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

After contact with eyes:

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

After ingestion:

If victim is conscious and alert, wash out mouth with water. Get medical aid.

Advice to doctor / Treatment:

Treat symptomatically.

Section 05 - Fire fighting measures

Flashpoint: > 541 °F
Method: Open Cup

Hazardous combustion products:

In case of fires, hazardous combustion gases are formed:
Silicon dioxide
Carbon monoxide (CO)
Carbon dioxide (CO₂)

Extinguishing media: Dry Chemical
Apply Alcohol Resistant - Aqueous Film Forming Foam (AR-AFFF).
Waterfog for condensing the vapours.

Special fire fighting procedure:

Wear self-contained breathing apparatus (SCBA) and full protective clothing.

Unusual fire and explosion hazards: None known.

Section 06 - Accidental release measures**Steps to be taken in case of spill or leak:**

Wearing appropriate personal protective equipment, contain spill, remove all sparking or ignition sources from area, collect onto inert absorbent, and place in suitable container.

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Section 07 - Handling and storage

Advice on safe handling:

Avoid breathing vapors and contact with skin, eyes, and clothing.
 Use only with adequate ventilation and proper protective eyewear, gloves, and clothing.
 Wash thoroughly after handling.

Further info on storage conditions:

Store at appropriate temperature. See label for details.

Section 08 - Exposure controls / personal protection

Respiratory protection:	Use in well ventilated area. Use NIOSH approved respirator if TLV is exceeded or overexposure is likely.
Hand protection:	Rubber or Neoprene gloves.
Eye protection:	Chemical splash goggles with face shield.
Other protective equipment:	Chemically impervious clothing.
Advice on system design:	Use local exhaust ventilation.

Section 09 - Physical and chemical properties

Form:	Liquid, viscous
Odor:	Odorless
Solubility in water:	insoluble
Density:	1.025 g/cm ³
Boiling point :	> 500 °F
Vapor pressure:	1 Torr

Section 10 - Stability and reactivity

Chemical stability:	Stable.
Hazardous Polymerization:	Will not occur.
Conditions to avoid:	Heat, sparks, and open flames.

Section 11 - Toxicological information

Product information:

Acute oral toxicity:	No data.
Acute inhalation toxicity:	No data.
Acute dermal toxicity:	No data.

Component information:

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Chlorophenylmethylpolysiloxane (68957-05-1)

Acute inhalation toxicity: LC50 9,000 mg/m3 (2 h, rat)

Section 12 - Ecological information

Product information:

Biodegradation: No data.
Fish toxicity: No data available.
Daphnia toxicity: No data available.
Algae toxicity: No data available.

Section 13 - Disposal considerations

Waste disposal information:

Consult local, state, and federal regulations.

Section 14 - Transport information

DOT not restricted
IATA not restricted
IMDG not restricted

Section 15 - Regulatory information

TSCA Status:

All components of this product are listed on the TSCA Inventory.

Section 16 - Other information

Label information:

WARNING!

MAY BE IRRITATING TO EYES, SKIN OR RESPIRATORY SYSTEM MAY BE HARMFUL IF SWALLOWED

Avoid contact with eyes, skin and clothing. Use with adequate ventilation or appropriate respiratory protection. Wash thoroughly after handling. Keep away from heat and flame. Keep container closed, when not in use.

In case of contact, flush eyes with plenty of water for 15 minutes. Get medical attention immediately. Flush affected skin areas with water, and wash with mild soap and water. Remove contaminated clothing. If INHALED, remove individual to fresh air. If breathing is difficult, give oxygen. If ingested, give water or milk to dilute stomach contents. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get

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medical attention immediately for ingestion or breathing problems or if skin contact is extensive.

NFPA:

Health: 1

Flammability: 1

Reactivity: 0

Special Notice: X

This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications.