

SILICONE DMF 50-1,000,000 CSTK VISCOSITY

Section I Product Identity

Product Name	SILICONE DMF 50-1,000,000 CSTK VISCOSITY
Chemical Name/Family	Polydimethylsiloxane, Trimethyl Terminated
Chemical Formula	(C ₂ H ₆ OSi) _n
CAS Registry #	63148-62-9
24 Hour Emergency Number	800-424-9300
24 Hour Chemtrec Number	800-424-9300
All ingredients are listed in EPA's TSCA list of chemical substances	

Section II Hazardous Components/Composition Information

CHEMICAL	CAS #	USOS	TWA	STEL	PERCENT
None					

Section III Physical and Chemical Properties

Boiling Point	N.A.	Specific Gravity (H ₂ O=1)	>0.96
Vapor Pressure	<0.01 @ 200°C	Vapor Density (Air=1)	N.A.
Percent Volatile By Weight	N.A.	Evaporation Rate (BuAc=1)	<1.0
Solubility in Water	Insoluble		
Appearance and Odor	Clear and colorless liquid.		

Section IV Fire and Explosion Hazard Data

Flash Point (Method Used)	>300°C (Tagliuabue Closed Cup)
Flammable Limits in Air (% By Volume)	N.D.
Extinguishing Media	Foam, Dry Chemical, CO ₂
Special Fire Fighting Procedures:	Evacuate personnel to a safe area. Wear self-contained breathing apparatus. Wear full protective equipment
Unusual Fire and Explosion Hazard	None

Section V Reactivity Data

Stability	Stable	X	Unstable	
Conditions to Avoid	Store in a well-ventilated place at temperatures below 120 F. Keep container tightly closed. Keep from freezing			
Incompatibilities	Avoid contact with strong oxidizing agents and acids. Aluminum at high temperatures			
Hazardous Decomposition or By Products	Combustion may produce CO ₂ , CO, and nitrous oxides			
Hazardous Polymerization	May Occur		May Not Occur	X

Section VI Health Hazard Data

Primary Routes of Entry	Inhalation	No	Dermal	Yes	Ingestion	Yes
Acute Health Hazard	LD50 (Oral Rat) >5000 mg/kg					
Chronic Health Hazard	No information available					
Carcinogenicity	This product does not contain any suspected human carcinogens.					
NTP	No	IARC Monograph	No	OSHA Regulated	No	
Signs and Symptoms of Exposure						
Skin Contact	Prolonged and repeated contact with skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis.					
Eye Contact	Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product.					
Ingestion	Although ingestion is unlikely, liquid would irritate upper digestive tract if swallowed.					
Inhalation	No information available.					
Medical Condition Generally Aggravated by Exposure:				No information available.		
Emergency First Aid Procedures						
Eyes	Immediately flush eyes with plenty of water. Call a physician.					
Skin	Immediately wash skin with soap and water. Wash contaminated clothing before reuse.					
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.					
Inhalation	Immediately remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Please note: Symptoms may be delayed; prompt medical attention may be required. Call a physician.					

Section VII Precautions for Safe Handling and Use

Steps to be Taken in Case the Material is Released or Spilled: Soak up with sawdust, sand, oil dry or other absorbent material.
Waste Disposal Method As in accordance with EPA and local regulations.

Section VIII Special Precautions

Storage Conditions: Store at temperatures between 40°F (4.4°C) to 110°F (43.3°C). Store in a tightly closed container. Store in a well ventilated area. Store away from oxidizing agents, sources of heat, direct sunlight or rain. Agitate contents of container before using.
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Section IX Control Measures

Respiratory Protection: Not required			
Ventilation	Local exhaust	Not required	
	Mechanical		
	Special	Other	
Eye Protection	Safety glasses should be worn		
Protective Gloves	Rubber or plastic gloves should be worn		
Protective Clothing	Rubber apron		
Other Protective Equipment	NIOSH approved respirator as needed		
Other Precautions	Wash hands after use.		

Section X SARA Title III

SECTION 313 SUPPLIER NOTIFICATION		
This product contains the following toxic chemicals subject to the reporting requirements of SECTION 331 of the EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 and of 40 CFR 371		
CAS #	Chemical Name	Percent by Weight
	None	
THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE DCOPIED AND DISTRIBUTED FOR THIS MATERIAL		

Hazard Ratings

Health	1
Flammability	1
Reactivity	0

Date Prepared	October 19, 2005
Prepared By	API
Date Revised	May 28, 2006
Revised By	

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