

Silicone DMF-1000 CSTK VISCOSITY

Section 1. Product and Company Identification

Product Name:	Silicone DMF-1000 CSTK VISCOSITY
Chemical Name/Family:	Dimethylpolysiloxane
CAS No.:	63148-62-9
Product Use:	Various
Restrictions:	For Industrial Use Only
Company:	Advanced Polymer.
Address:	400 Paterson Plank Road Carlstadt, NJ 07072 U.S.A.
Telephone:	201-933-0600
Fax:	201-933-8442
24 Hour Emergency Number	800-424-9300
24 Hour Chemtrec Number	800-424-9300

Section 2. Hazards Identification

GHS Classification:

Physical Hazards	Not classified
Health Hazards	Not classified
Environmental Hazards	Not classified

GHS Label:

Symbol: None

Signal Word: None

Hazard Classification:

Hazard Statement: None

Precautionary Statement: None

Other Hazards: None

Section 3. Composition/Information on Ingredients

Ingredients	CAS No.	Percent
Dimethylpolysiloxane	63148-62-9	100
There are no components contained in this material at concentrations above 1% that are considered hazardous under 29CFR1910.1200.		

Section 4. First Aid Measures

Skin Contact: Wash skin with soap and water. Wash contaminated clothing before reuse.

Eye Contact: Rinse immediately with plenty of water for at least 15 minutes. Get medical attention if

irritation develops and persists.

Inhalation: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Ingestion: Rinse mouth. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Firefighting Measures

Specific Hazards in Case of Fire: By heating and fire, harmful vapors/gases may be formed.

Fire Extinguishing Media: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable Extinguishing Media: Do not use a solid water stream as it may scatter and spread fire.

Special Protective Equipment and Precaution for Firefighters: Firefighters must use standard protective equipment including flame retardant coat, helmet, gloves, rubber boots, and self-contained breathing apparatus. Move containers from fire area if you can do so without risk.

Unusual Fire & Explosion Hazards: No information available.

Section 6. Accidental Release Measures

Personal Precautions: Eliminate sources of ignition.

Protective Equipment: Wear appropriate personal protective equipment.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

Methods and Materials for Containment and Cleaning up: **Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. **Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills in original containers for re-use.

Section 7. Handling and Storage

Handling Conditions: Provide adequate ventilation. Use care in handling/storage. Do not breathe mist or vapor.

Storage Conditions: Store at temperatures between 40°F (4.4°C) to 110°F (43.3°C). Keep container tightly closed. Store in a cool, dry place out of direct sunlight. *****Agitate contents of container before using*****

Section 8. Exposure Control/Personal Protection

Exposure Limits: No exposure limits noted for ingredient(s).

Appropriate engineering controls: Provide adequate general and local exhaust ventilation. Provide eyewash station.

Personal protective equipment:

Respiratory Protection: If ventilation is insufficient when heating use chemical respirator with organic vapor cartridge.

Hand Protection: Wear protective gloves.

Eye Protection: Appropriate safety glasses.

Skin and Body Protection:	Rubber apron.
Other Protective Equipment:	Eye wash equipment and safety shower.
Hygiene Measures:	Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice. This product can generate formaldehyde at approximately 150 °C (300 °F) and above in the presence of air. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant and potential cancer hazard. So, use adequate ventilation or wear protective equipment such as gloves, goggles, organic vapor respirator or protective clothing when this product is heated at approximately 150 °C (300 °F) and above in the presence of air.

Section 9. Physical and Chemical Properties

Physical State:	Liquid
Color:	Clear/Transparent
Odor:	Odorless
Odor Threshold:	N/A
% Non-volatile by Weight:	N/A
pH:	N/A
Specific Gravity (77°F):	0.97
% Volatile by Weight:	N/A
Melting Point:	N/A
Freezing Point:	N/A
Boiling point:	N/A
Flash Point:	> 201.2 °F (> 94 °C) Closed Cup > 572 °F (> 300 °C) Open Cup
Evaporation Rate (BuAc=1):	Negligible
Flammability:	N/A
Explosion Limits:	N/A
Vapor Pressure (mmHg):	Negligible
Vapor Density (Air=1):	N/A
Solubility:	Not soluble in water
Partition Coefficient:	N/A
Auto-ignition Temperature:	ca.400°C (752°F)
Viscosity (25°C):	1000 mm ² /s
Decomposition Temperature:	N/A

Section 10. Stability and Reactivity

Chemical Stability:	Stable
Hazardous Polymerization:	May not occur
Conditions to Avoid:	None known
Incompatible Materials:	Strong oxidizing agents
Hazardous Decomposition Products:	Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposition product: Carbon oxides and traces of incompletely burned carbon compounds.

Silicon dioxide. Formaldehyde.

Section 11. Toxicological Information

Primary Routes of Entry:

Eye:	No	Skin:	No	Inhalation:	No	Ingestion:	No
------	----	-------	----	-------------	----	------------	----

Potential Health Effects:

Inhalation	No significant effects are expected.
Ingestion:	No significant effects are expected.
Skin:	No significant effects are expected.
Eyes:	No significant effects are expected.

Signs and Symptoms of Exposures:

Acute Toxicity:	Oral LD50 Rat > 5 g/kg (Estimated by similar product)
Chronic Toxicity:	No Information Available
Respiratory Sensitization:	No Information Available
Skin Sensitization:	No Information Available
Germ Cell Mutagenicity:	Negative(Bacteria) (Estimated by similar product)

Carcinogenicity:

IARC:	No	NTP:	No	OSHA:	No
-------	----	------	----	-------	----

Further Information:

This product can generate formaldehyde at approximately 150°C (300°F) and above in the presence of air. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant and potential cancer hazard. So, use adequate ventilation or wear protective equipment such as gloves, goggles, organic vapor respirator or protective clothing when this product is heated at approximately 150°C (300°F) and above in the presence of air.

Section 12. Ecological Information

Ecotoxicity (Aquatic and Terrestrial):	No ecotoxicity data noted for the ingredient(s).
Bioaccumulative Potential	No bioaccumulation (Estimated by similar product).
Mobility in Soil:	No Information Available
PBT and vPvB Assessment:	No Information Available
Other Adverse Effects:	No Information Available

Section 13. Disposal Considerations

Product:	Follow applicable Federal, State and Local regulations.
Disposing of Contaminated Packaging:	Dispose as unopened product.

Section 14. Transport Information

Land Transport (DOT):	Not Regulated
UN Number:	Not Applicable
UN Proper Shipping Name:	Not Applicable
Transport Hazard Class:	Not Applicable
Packing Group:	Not Applicable
Sea Transport (IMDG):	Not Regulated

UN Number:	Not Applicable
UN Proper Shipping Name:	Not Applicable
Transport Hazard Class:	Not Applicable
Packing Group:	Not Applicable
Air Transport (IATA):	Not Regulated
UN Number:	Not Applicable
UN Proper Shipping Name:	Not Applicable
Transport Hazard Class:	Not Applicable
Packing Group:	Not Applicable
Environmental Hazards (e.g., Marine pollutant):	N/A

Section 15. Regulatory Information

International Inventories:

TSCA (USA):	Yes
DSL (Canada):	Yes
ENCS (Japan)	Yes
EINECS (Europe):	Yes
IECSC (China):	Yes
KECL (Korea):	Yes
PICCS (Philippines):	Yes
AICS (Australia):	Yes
ERMA (New Zealand):	Yes

Federal Regulations:

SARA 313:	None
SARA 311/312:	N/A
Clean Water Act:	N/A
Clean Air Act, Section 112 HAPs (See 40CFR61):	N/A

State Regulations:

Massachusetts Right to Know Components:	Not regulated
New Jersey Right to Know Components:	Not listed
Pennsylvania Right to Know Components:	Not listed
California Proposition 65:	None

Section 16. Other Information

WHMIS Classification: No information available

HMIS Rating:

Health Hazard	1
Flammability:	1
Physical Hazard:	0
Personal Protection Equipment:	X

NFPA Rating

Health Hazard:	1
Fire Hazard:	1



400 PATERSON PLANK ROAD | CARLSTADT, NJ 07072

PHONE: (201) 933-0600 | FAX: (201) 933-8442

WWW.ADVPOLYMER.COM

Reactivity Hazard: 0

Date Prepared June 26, 2015
Prepared By Advanced Polymer, Inc.
Date Revised June 29, 2021
Revised By Advanced Polymer, Inc.

THE INFORMATION AND RECOMMENDATIONS HEREIN, ARE TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE. NO WARRANTY, EXPRESS OR IMPLIED, IS MADE OR INTENDED.

TO THE CUSTOMERS OF ADVANCED POLYMER, INC.

All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, express or implied:

Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss of damage, direct, or consequential arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use. The user assumes all risk and liability whatsoever in connection therewith.

No statement or recommendation contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacturer. Since the manufacturer of the product described in this technical data sheet has no means of controlling the final use of the product by the consumer for the user, it is the responsibility of the immediate purchaser and any intermediate seller or sellers to inform the user of the purposes for which the product may be fit and suitable and of the properties of the product, including the precautionary measures which must be taken in order to ensure the safety of the user and of other third persons and property.

No statement made herein shall be taken as an authorization or inducement to practice any patented invention without appropriate license.