

**BioMax[®]****广东标美硅氟新材料有限公司**
Guangdong BioMax Si&F New Material Co., Ltd.**Safety Data Sheet (SDS)**

NO.: BM-MSDS 449a

1. CHEMICAL PRODUCT AND COMPANY INFORMATION**Product Name:** Cosmethicone[®]SF-606L Silicone Elastomer Powder**INCI Name:** Dimethicone/Vinyl Dimethicone Crosspolymer**Chemical Classification:** Silicone Powder**Recommended Product Usage:** Cosmetic**Company Details****Manufacturer/Supplier:** Guangdong BioMax Si&F New Material Co. Ltd.**Address:** No.15,Rd.Shan Jiang Nan 15, Yonghe Xin Tang,
Zengcheng Guangzhou, China**Postal code:** 511356**Emergency Telephone Number:** +86-20-8297-6081**Telephone Number:** +86-20-8297-9317**E-mail:** sales@sifchem.com**Issuing Date:** 2023.12.05**Chemical Emergency:** 020-82979317**2. HAZARDS IDENTIFICATION****Emergency overview****Appearance:** White Powder**Color:** White**Odor:** Slight Odor**GHS Classification:** Not a hazardous substance or mixture**GHS Label Elements** Not a hazardous substance or mixture**Statements Symbol:** None**Signal Word:** None**Hazard statements:** None**Precautionary Statement****Prevention:** P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area
P280 Wear protective gloves/protective clothing/eye
protection/face protection.**Response:** In case of fire: Use water spray, alcohol-resistant foam, dry
chemical or carbon dioxide to extinguish.**Storage** Store in a well-ventilated place. Keep cool.**Disposal** Dispose of contents/ container to an approved waste
disposal plant.

**Safety Data Sheet (SDS)**

NO.: BM-MSDS 449a

Physical and Chemical Hazards: Not classified based on available information
Health Hazards: Not classified based on available information
Environmental Hazards: Not classified based on available information
Other Hazards: No data available

3. COMPOSITION AND INFORMATION ON INGREDIENTS**Chemical characterization:** Mixture**Ingredients:**

<u>Chemical Name</u>	<u>CAS No.</u>	<u>% (w/w)</u>
Dimethicone/Vinyldimethicone Crosspolymer	—	≥99

Hazardous Ingredients:

<u>Chemical Name</u>	<u>CAS No.</u>	<u>% (w/w)</u>
Cyclopentasiloxane	541-02-6	<0.1
Octamethylcyclotetrasiloxane	556-67-2	<0.1
Dodecamethylcyclohexasiloxane	540-97-6	<0.1

4. FIRST AID MEASURES**Description of first aid measures**

Protection of first-aiders: If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Eye: Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

Skin: Wash off with plenty of water

Inhalation: Move person to fresh air; if effects occur, consult a physician.

Oral: No emergency medical treatment necessary.

Comments: Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

Autoignition Temperature: Not determined.

Flammability limited in air: Not determined.

Extinguishing Media: On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide(CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.

Fire Fighting Measures: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Use water spray to keep fire exposed containers cool. Determine the need to evacuate or isolate the area



Safety Data Sheet (SDS)

NO.: BM-MSDS 449a

according to your local emergency plan.

Unusual Fire Hazards: None.

Hazardous Decomposition Products

Carbon oxides and traces of incompletely burned carbon compounds.

Silicon dioxide. Formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

Containment/Clean up: Remove possible ignition sources. Determine whether to evacuate or isolate the area according to your local emergency plan. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since some silicone materials. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable.

7. HANDLING AND STORAGE

Handling Precautions: Use with adequate ventilation. Avoid eye contact. Avoid breathing vapor. Keep container closed. Do not take internally. Wash your hands after handling, especially before having lunch.

Storage Condition: Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge. Keep container closed and away from heat, sparks, and flame.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits:

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Limits</u>
Cyclopentasiloxane	541-02-6	TWA<10ppm
Octamethylcyclotetrasiloxane	556-67-2	TWA<10ppm

Local Ventilation: Recommended.

General Ventilation: Recommended.

Personal Protection

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

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

Inhalation: No respiratory protection should be needed.

Suitable Gloves: No special protection needed.

Suitable Respirator: None should be needed.

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

**Safety Data Sheet (SDS)**

NO.: BM-MSDS 449a

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	White powder
Color:	White
Odor:	Slight Odor
pH:	No data available
Melting point/range:	No data available
Freezing point:	No data available
Boiling point (760 mmHg):	No data available
Flash point:	≥100°C (Closed Cup)
Evaporation Rate (Butyl Acetate=1):	No data available
Flammability (solid, gas):	Not applicable
Lower explosion limit:	No data available
Upper explosion limit:	No data available
Vapor Pressure:	No data available
Relative Vapor Density (air=1):	No data available
Relative Density (water=1):	0.10-0.30
Water solubility:	No data available
Partition coefficient:n-octanol/water:	No data available
Autoignition Temperature:	No data available
Decomposition temperature:	No data available
Explosive properties:	Not explosive
Oxidizing properties:	The product is not classified as oxidizing.
Molecular weight:	No data available

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Hazardous Polymerization:	Hazardous polymerization will not occur.
Conditions to Avoid:	None.
Materials to Avoid:	Oxidizing material can cause a reaction.

11. TOXICOLOGY INFORMATION

Sensitizing Effects:	None known.
Mutagenic Effects:	None known.
Reproductive Effects:	None known.

12. ECOLOGICAL INFORMATION**Ecotoxicity****Acute toxicity to fish:**

Not expected to be acutely toxic to aquatic organisms. No toxicity at the limit of solubility

**Safety Data Sheet (SDS)**

NO.: BM-MSDS 449a

Acute toxicity to aquatic invertebrates: No toxicity at the limit of solubility**Acute toxicity to algae/aquatic plants:** No toxicity at the limit of solubility**Chronic toxicity to fish:** No toxicity at the limit of solubility**Toxicity to soil-dwelling organisms**

This product does not have any known adverse effect on the soil organisms tested.

Mobility in Soil**Cyclopentasiloxane**

Expected to be relatively immobile in soil (Koc > 5000).

Partition coefficient (Koc): > 5000 Estimated.**Octamethylcyclotetrasiloxane**

Expected to be relatively immobile in soil (Koc > 5000).

Results of PBT and vPvB assessment**Cyclopentasiloxane**

Cyclopentasiloxane (D5) meets the current REACH Annex XIII criteria for vPvB. However, D5 does not behave similarly to known PBT/vPvB substances. The weight of scientific evidence from field studies shows that D5 is not biomagnifying in aquatic and terrestrial food webs. D5 in air will degrade by reaction with naturally occurring hydroxyl radicals in the atmosphere. Any D5 in air that does not degrade by reaction with hydroxyl radicals is not expected to deposit from the air to water, to land, or to living organisms. Based on an independent scientific panel of experts, the Canadian Minister of the Environment has concluded that "D5 is not entering the environment in a quantity or concentration or under conditions that have or may have an immediate or long-term harmful effect on the environment or its biological diversity, or that constitute or may constitute a danger to the environment on which life depends".

Octamethylcyclotetrasiloxane

Octamethylcyclotetrasiloxane(D4) is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

Octamethylcyclotetrasiloxane (D4) meets the current REACH Annex XIII criteria for PBT and vPvB. In Canada, D4 has been assessed and deemed to meet the PiT criteria. However, D4 does not behave similarly to known PBT/vPvB substances. The weight of scientific evidence from field studies shows that D4 is not biomagnifying in aquatic and terrestrial food webs. D4 in air will degrade by reaction with naturally occurring hydroxyl radicals in the atmosphere. Any D4 in air that does not degrade by reaction with hydroxyl radicals is not expected to deposit from the air to water, to land, or to living organisms.

Other adverse effects**Cyclopentasiloxane**

This substance is not on the Montreal Protocol list of substances that deplete the ozone layer.

Octamethylcyclotetrasiloxane

This substance is not on the Montreal Protocol list of substances that deplete the ozone layer.

**Safety Data Sheet (SDS)**

NO.: BM-MSDS 449a

13. DISPOSAL CONSIDERATIONS

Disposal methods: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. For unused & uncontaminated product, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device.

Treatment and disposal methods of used packaging: Empty containers should be recycled or otherwise disposed of by an approved waste management facility. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. Do not re-use containers for any purpose.

14. TRANSPORT INFORMATION

DOT Road shipment Information: Not regulated for transport

Ocean Shipment(IMDG): Not regulated for transport

Air Shipment (IATA): Not regulated for transport

15. REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals: Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: Not applicable

Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures: Not a hazardous substance or mixture

REACH-Candidate List of SVHC for authorization: Cyclopentasiloxane (D5) & Octamethylcyclotetrasiloxane (D4)

REACH: All ingredients are currently registered or exempt under REACH.

Take note of "Regulations of Safe Use of Chemicals in Workplace", Ministry of Chemical Industry, 1996, 20th, Dec.

16. OTHER INFORMATION

Based upon our known information and experience, these data are offered in good faith as typical values and not as product specification. We reserve the right to revise these data. No warranty and guaranty, 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.

If you have any further question, please contact with us directly.

Issued by BioMax Technical Dep.