

**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 440a

1. CHEMICAL PRODUCT AND COMPANY INFORMATION**Product Name:** Cosmethicone®SF-2024 Methyl Propyl MTQ Silicone Resin**INCI Name:** Trimethylsiloxysilicate (and) Polypropylsilsesquioxane**Chemical Classification:** Silicone**Recommended Product Usage:** Cosmetic**Company Details****Manufacturer/Supplier:** Guangdong BioMax Si&F New Material Co. Ltd.**Address:** No.15,Rd.Shan Jiang Nan, 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:** 2024.06.24**Chemical Emergency:** 020-82979317**2. HAZARDS IDENTIFICATION****Hazard Classification:** Not hazardous**Label Elements Including****Precautionary****Statements Symbol:** None**Signal Word:** None**Hazard Risk Statement:** Not hazardous**Precautionary Statement:**

Avoid contact with skin and eyes.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN: Wash with plenty of water and soap.

Other Hazard: None known.**3. COMPOSITION AND INFORMATION ON INGREDIENTS****Chemical characterization:** Substance**Ingredients:**

<u>Chemical Name</u>	<u>CAS. No.</u>	<u>Conc.</u>
Trimethylsiloxysilicate	56275-01-5	65-75%
Polypropylsilsesquioxane	36088-62-7	25-35%

Hazardous Ingredients: No hazardous ingredients

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4. FIRST AID MEASURES	
Eye:	Immediately flush with water.
Skin:	No first aid should be needed.
Inhalation:	No first aid should be needed.
Oral:	No first aid should be needed.
Comments:	Treat symptomatically.
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(CO ₂), 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 according to your local emergency plan.
Unusual Fire Hazards:	None.
<u>Hazardous Decomposition Products</u>	
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.

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8. EXPOSURE CONTROL AND PERSONAL PROTECTION**Exposure Limits:** No exposure limits.**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.**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical Form:** White Powder**Odor:** Slight Odor**Specific Gravity (25°C) :** Not determined**Flash Point:** >101°C (Closed Cup)**Melting Point:** Not determined**Boiling Point:** Not determined**Vapor Pressure (25°C) :** Not determined**Vapour Density (air=1):** Not determined**Relative Density (25°C) :** 0.45~0.75 g/ml**Partition Coefficient(n-Octanol/Water):** Not determined**Autoignition Temperature:** Not determined**Decomposition Temperature:** Not determined**Evaporation Rate:** Not determined**Flammability (Solid, Gas):** Not determined**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****Information on hazard classes as defined in Regulation (EC) No 1272/2008****11.1 Information on likely routes of exposure**

Inhalation, Eye contact, Skin contact, Ingestion.

11.2 Acute toxicity**Acute toxicity****Acute oral toxicity****Information for the Product:**

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As product: Single dose oral LD50 has not been determined.

Based on information for component(s):

Trimethylsiloxysilicate, LD50, Rat, > 1g/kg

Polypropylsilsesquioxane, No relevant data found.

Acute dermal toxicity**Information for the Product:**

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

As product: The dermal LD50 has not been determined.

Skin and eye irritation: Non irritating to humans.

Serious eye damage/eye irritation: Non irritating to humans. Corneal injury is unlikely.**Sensitization:** Did not cause allergic skin reactions when tested in guinea pigs.

For respiratory sensitization: No relevant data found.

Aspiration hazard: Based on physical properties, not likely to be an aspiration hazard.

Chronic toxicity

Specific Target Organ Systemic Toxicity (Repeated Exposure): No relevant data found.

Carcinogenicity: The components have not been defined as CMR substances

Teratogenicity: No relevant data found.

Reproductive toxicity: No relevant data found.

Mutagenicity: Genetic toxicity studies were negative for components.

Data on dermal penetration of polysilsesquioxanes ingredients were not found in the published literature and no unpublished data were submitted. However, the cage-like structures of many of these ingredients encompass large molecular volumes, which likely decrease the potential for these ingredients to penetrate the skin significantly.

12. ECOLOGICAL INFORMATION**Aquatic and Terrestrial Ecotoxicity**

Ecotoxicity Effects: Acute: No adverse effects on aquatic organisms are predicted.

Chronic: No adverse effects on aquatic organisms are predicted.

Fate and Effects in Waste

Water Treatment Plants: No adverse effects on bacteria are predicted. The siloxanes in this product do not contribute to the BOD.

Environmental Effects

No adverse effects on aquatic organisms are predicted.

Fate and Effects in Waste Water treatment plants

No adverse effects on bacteria are predicted.

13. DISPOSAL CONSIDERATIONS

When a decision is made to discard this material, as received, it isn't classified as a hazardous waste, No State or local laws may impose additional regulatory requirements regarding disposal.

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14. TRANSPORT INFORMATION**DOT Road shipment Information:** Normal transport, no subsection**Ocean Shipment(IMDG):** Normal transport, no subsection**Air Shipment (IATA):** Normal transport, no subsection.**15. REGULATORY INFORMATION****15.1** "Regulations of Safe Use of Chemicals in Workplace", Ministry of Chemical Industry, 1996, 20th, Dec.**15.2** Hazard items: All components exempted.**REACH:** Some monomers of the polymer have been registered**SVHC:** This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) in amounts above 0.1%**EINECS:** All ingredients listed, exempt or notified (ELINCS).**TSCA:** All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.**AICS:** All ingredients listed, exempt or notified.**IECSC:** All ingredients listed or exempt.**KECL:** All ingredients listed, exempt or notified.**PICCS:** All ingredients listed, exempt or notified.**DSL:** All ingredients listed or exempt.**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.