

**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 570a

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name: Cosmethicone®SF-605BL**INCI Name:** Dimethicone & Dimethicone Crosspolymer**Chemical Classification:** Silicone Elastomer Gel**Recommended Product Usage:** Cosmetic

Company Details

Manufacturer/Supplier: Guangdong BioMax Si&F New Material Co. Ltd.**Address:** 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**ail:** sales@sifchem.com**Issuing Date:** 2025.01.16**Chemical Emergency:** 020-82979317

2. HAZARDS IDENTIFICATION

Emergency overview Not a hazardous substance or mixture**Appearance:** Transparent to slightly translucent gel**Colour:** Colourless to Slight yellow**Odour:** Odorless**GHS Classification:** Not a hazardous substance or mixture**GHS Label Elements** Not a hazardous substance or mixture**Statements Symbol:** None**Signal Word:** None

Precautionary Statement

Prevention: P261 Avoid breathing spray

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

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:** None known.

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

<u>Chemical Name</u>	<u>CAS. No.</u>	<u>Conc.</u>
Dimethicone	9006-65-9	80-90%
Dimethicone Crosspolymer	—	10-20%

Hazardous Ingredients:

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

4. FIRST AID MEASURES

Eye: Immediately flush with water.
Skin: No first aid should be needed.
Inhalation: No first aid should be needed.
Oral: Get medical attention.
Comments: Treat symptomatically.

5. FIRE FIGHTING MEASURES

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 according to your local emergency plan.

Unusual Fire Hazards: None.

Hazardous Decomposition Product: Formaldehyde.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment.

Follow safe handling advice and personal protective equipment recommendations.

Environmental precautions:

Discharge into the environment must be avoided.

Containment/Clean up:

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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, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. 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>
Octamethylcyclotetrasiloxane	556-67-2	TWA<10ppm

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: Transparent to slightly translucent gel

Color: Colorless to Slight yellow

Odor: Odorless

Specific Gravity (@ 25°C) : Not determined

Flash Point: >100°C(Closed cup)

Melting Point: Not determined

Boiling Point: Not determined

Vapor Pressure@25°C: Not determined.

Vapour Density (air=1): Not determined.

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Partition Coefficient**(n-Octanol/Water):** Not determined.**Autoignition Temperature:** Not determined.**Decomposition Temperature:** Not determined.**Evaporation Rate:** Not determined.**Flammability (Solid, Gas):** Not applicable.**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 toxicological effects****Information on likely routes of exposure:** Inhalation, skin contact, ingestion, eye contact.**Acute toxicity:** Not classified based on available information.**Skin corrosion/irritation:** Not classified based on available information.**Serious eye damage/eye irritation:** Not classified based on available information.**Respiratory or skin sensitization****Skin sensitization:** Not classified based on available information.**Respiratory sensitization:** Not classified based on available information.**Germ cell mutagenicity:** Not classified based on available information.**Carcinogenicity:** Not classified based on available information.**Reproductive toxicity:** Not classified based on available information.**STOT-single exposure:** Not classified based on available information.**STOT-repeated exposure:** Not classified based on available information.**Aspiration toxicity:** Not classified based on available information.**Product:** No aspiration toxicity classification.**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.

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Environmental Effects

In soil, siloxanes are degraded. No bioaccumulation potential.

Complete information is not yet available.

Fate and Effects in Waste Water treatment plants: Complete information is not yet available.

Results of PBT and vPvB assessment: Not relevant.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

UN number: Not regulated as a dangerous good.

DOT Road shipment Information: Not subject to DOT.

Ocean Shipment(IMDG): Not subject to IMDG code.

Air Shipment (IATA): Not subject to IATA regulations.

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: Not applicable

REACH: All ingredients are currently pre/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 recommend 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.