

Material Safety Data Sheet

SDS code: F180723033E

Product name: Silicone rubber

Date of preparation: 2018.07.25

Date of revision : 2018.07.25

Version : 1.1

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prepared: *CP*

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MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No 1272/2008 [CLP]

Section 1. Product And Company Identification

1.1 Product information

Product name : Silicone rubber
Product classification : G series
Product type : Combustible Solid

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use : Swimming products、 sealant etc.
Substance/process uses : Not applicable
Uses advised against : Not applicable

1.3 Manufacturer information

Manufacturer name : Dongguan Guixiu Newmaterials Technology Co.,Ltd
Address : No.18 binhe road, tianxin village, Huangjiang town,
dongguan city
Code : 523750
Tel : 0769-82253016
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Emergency telephone : 18929299182
Number
Email : 120084764@qq.com

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Not classified.

2.2 label elements

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Combustible but not explosive solid

2.3 Precaution statements

Prevention : Wear protective gloves. Wear protective glasses and face shield.

Response : If entering the eyes: Rinse carefully with water for a few minutes. If you wear contact lenses and can easily remove them, take out the contact lenses. Continue to rinse.
If inhaled: Remove person to fresh air and keep in a position comfortable for breathing. Call the emergency center/doctor if you feel unwell.

Safety Storage : Cover the package when not in use, store in a cool place, away from heat, light, sparks and open flames.

Disposal : Deliver the contents/container to an approved waste treatment plant for disposal.

Physical and Chemical Hazards : Not applicable

Health Hazards : Not applicable

Section 3. Composition/information on ingredients

3.1 Substance/mixture : Mixture

Chemical name	contain (wt%)	CAS number
Dimethylpolysiloxane[Combustible Solid]	25-95	63148-62-9
Ivinyl siloxy-terminated polysiloxane [Combustible Solid]	50-90	68083-18-1
Silanol-terminated polysiloxane oil[Combustible liquid]	0.5-5	70131-67-8
Silicon dioxide	5-45	12945-052-5

Section 4. First aid measures

4.1 First aid measures for direct contact and inhalation of metal powder and salt spray in machining process

- Eye contact** : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes or until all material has been removed. Obtain medical attention.
- Inhalation** : Accidentally inhale; quickly move away from the scene to the fresh air. Consult a physician.
- Skin contact** : Wash off with soap and rinse clean, if allergic inflammation should receive medical care physician diagnosis.
- Ingestion** : Gargle with water, drink milk or egg white. Obtain medical attention.

Section 5. Fire-fighting measures

Fire hazard : This product is combustible

5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : Do not use water jets.

5.2 Special hazards arising from the substance or mixture : Carbon oxides, silicon oxides.

5.3 Advice for firefighters : Wear self-contained breathing apparatus for firefighting if necessary. Self-contained breathing apparatus and protective clothing must be worn in the event of a fire. Isolation of accident scenes, prohibiting unrelated personnel from entering and leaving. Contain and handle fire water to

prevent environmental pollution.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

6.2 Environmental precautions : Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Small amount of leakage : Collect leaking liquid as much as possible in a closable container. Absorb with sand, activated carbon or other inert materials and transfer to a safe place. It is forbidden to rush into the sewer.

Large amount of leakage : Construct a dike or digging pit. Close the drain pipe. Cover with foam to inhibit evaporation. Use an explosion-proof pump to transfer to a tank truck or special collector, recycle or transport it to a waste disposal site for disposal.

Section 7. Handling and storage

7.1 Safe handling precautions : Wear appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Staff should wash their hands before eating and smoking. Remove

contaminated clothing and protective equipment before entering the eating area. Individuals with a history of skin allergies should not be employed in any work related to this product. Avoid contact with eyes, skin or clothing. No food is allowed. Avoid breathing vapors or fumes. It is forbidden to enter the environment.

Refer to the user guide or safety data sheet. Use only in adequate ventilation. Wear a suitable respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated.

Keep in original containers or approved substitutes made of compatible materials that remain sealed when not in use. Keep away from heat, sparks, open flames or any other source of ignition when storing and using. Use explosion-proof electrical equipment (ventilation, lighting and material processing) equipment. Use tools that do not produce sparks. Take precautions to prevent static discharge. To prevent fire or explosion, the container and equipment should be grounded when transferring materials to release static electricity generated during material transport.

7.2 Storage conditions, including any incompatibilities

: Separate and store in a specific place, keep the store in a cool and ventilated place. Keep away from incompatible materials (see section 10).

Section 8. Exposure controls/personal protection

8.1 Control parameters

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Occupation exposure limit : No data available

8.2 Exposure control

Engineering Control : The workplace is recommended to be separated from other workplaces.

Closed operation to prevent leakage.

Increase ventilation.

Set up automatic alarms and accident ventilation.

Set up emergency evacuation routes and necessary quarantine areas.

Set the red area warning line, warning sign and Chinese warning instructions, and set the communication alarm system.

Safety showers and eyewash equipment are provided.

Eye/face protection : Wear protective glasses.

Hand protection : General protective gloves.

Respiratory protection : Ventilation.

Skin and body protection : Protective clothing.

Hygiene measures : Wash thoroughly after handling.

Section 9. Physical and chemical properties

9.1 Appearance

Physical state : Solid**Color** : semi-transparent**Odor** : No information available**pH** : Neuter**Melting point/range** : No information available**Boiling Point/range** : No information available

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Flash point	: No information available
Decomposition temperature	: > 350°C
Auto-ignition temperature	: Not spontaneous combustion
Oxidizing properties	: No oxidability
Molecular weight	: 550,000-650,000
Upper/lower explosive limits	: No information available
Vapor pressure	: No information available
Vapor density	: No information available
Density (g/cm³)	: 1.05 ~ 1.55 g/cm ³
Water solubility	: Insoluble
High temperature resistance	: -50°C ~ 220°C

Section 10. Stability and reactivity

Reactivity	: No information available
Chemical stability	: Stable under recommended storage conditions
Possibility of hazardous reactions	: None
Conditions to avoid	: Exposure to high temperatures may cause product decomposition
Incompatible materials	: Strong acids, Strong bases, Hydrogen fluoride, Oxidizing agents, Ammonia, Oxygen difluoride, Chlorine trifluoride
Hazardous decomposition products	: Carbon oxides, silicon oxides.
Storage conditions	: -5°C to 40°C, storage period : 6 months

Section 11. Toxicological information

Information on toxicological effects

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Acute toxicity

Product/ingredient name	Results	Species	Dose	Exposure
Ivinyloxy-terminated polysiloxane	LD50- Oral	Rat	> 15,440 mg/kg	-
	LD50- Dermal	Rabbit	> 15,440 mg/kg	-
Ivinyloxy-terminated polysiloxane	LD50- Oral	Rat	> 62,080 mg/kg	-
	LD50- Dermal	Rabbit	> 15,520 mg/kg	-

corrosion/irritation : None

Sensitivity : None

Carcinogenicity : No information available

Reproductive toxicity : No information available

Other information : None

Section 12. Ecological information

12.1 Toxicity : This product is not an environmental hazard. However, this does not exclude the possibility of extensive or frequent leakage of harmful or harmful effects to the environment.

12.2 Persistence and degradability : No data available

12.3 Bioaccumulative potential : No data available

12.4 Mobility in soil : No data available

12.5 Results of PBT and vPvB : No data available

assessment

12.6 Other adverse effects : No data available

Section 13. Disposal considerations

13.1 Disposal methods : Waste generation should be avoided or reduced as much as

possible. Disposal of products, solutions and their by-products should be in accordance with environmental protection, waste disposal regulations and local regulations.

Residues and non-recycled products are processed through a licensed waste disposal contractor. Waste should not be discharged into sewers without disposal, unless it is fully compliant with the requirements of the competent authority within all jurisdictions.

Packaging waste should be recycled. Incineration or landfill is only considered when recycling is not feasible.

Handle this product and its container in a safe manner.

Do not cut, weld or grind used containers unless they have been thoroughly cleaned inside.

Avoid spillage and runoff, and avoid spillage into soil, rivers, sewers, and sewers.

Section 14. Transport information

	China	UN
UN number	--	--
UN proper shipping name	None	None
Transport hazard class(es)	--	--
Packaging group	--	--
Environment hazards	None	None
Transportation precautions	: None	

Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Exist or conform to the existing list

15.2 Other regulations

Waste treatment should meet local regulatory requirements.

Section 16. Other information

16.1 Date of previous issue : 2018.07.25

16.2 Disclaimer

The information contained in this data sheet is based on our knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products. Do not have the contract effect.

*** End of Report ***

This report is considered invalidated without the Special Seal for Inspection of the Meixin Analysis, This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested.