

Material Safety Data Sheet

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: High grade RTV Silicone Gasket Maker Silver
Product Code: MT596
Manufacturer: GUANGDONG SANVO CHEMICAL INDUSTRY TECHNOLOGY LTD.
Address: Dacen Industrial Park, Huangpu Town, Zhong Shan, Guangdong Province.
Telephone Number: 0760-28163797
Enterprise Emergency Phone: 0532-83889090
National Emergency Telephone: 0532-83889090
Effective date: March 29, 2021
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Section 2 – HAZARDS IDENTIFICATION

GHS Classification: Not a hazardous substance or mixture.
Symbol of product : None.
Signal Word: Not a hazardous substance or mixture.
Invasion Route: Inhalation, ingestion, percutaneous absorption
Health Hazards: Ingestion: Ingestion is harmful to the human body.
Environmental hazard: Pay attention to the water pollution.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name: High grade RTV Silicone Gasket Maker Silver

Main component	Content	CAS NO.
α , ω -dihydroxy polysiloxane	40 ~ 50%	70131-67-8
Methyltrissilane	5 ~ 8%	22984-54-9
Calcium carbonate	10 ~ 15%	471-34-1
Silicon dioxide	10 ~ 15%	10097-28-6
High temperature resistant additives	10-20%	N/A
Additive	2-5%	N/A

Section 4 - FIRST AID MEASURES

Skin contact: Remove contaminated clothing, wipe off contaminants with a rag, and rinse skin thoroughly with soap and water.

Eye contact: Immediately open the lower eyelid and rinse with running water or saline for at least 15 minutes. Seek medical attention for severe cases for medical treatment.

Inhalation: Leave the scene quickly to the fresh air, keep the airway free.

Ingestion: Do not induce vomiting unless instructed by a medical professional.
Keep the respiratory tract unblocked and seek medical treatment immediately.

Section 5 - Fire Fighting and Precaution

Dangerous Properties: none

Hazardous Combustion Products: Carbon monoxide and carbon dioxide

Extinguishing methods and Extinguishing Agents: Use foam, carbon dioxide, dry powder, sand, and water to extinguish.

Fire fighting methods: Cut off the fuel source first and evacuate personnel. Water can be sprayed to keep the container cool, and fire extinguishing agent can be used to extinguish the fire from upwind to downwind.

Special protective equipment for fire personnel:

Positive pressure self-contained breathing apparatus and full-body protective clothing must be worn to protect the whole face.

Section 6 - Emergency Treatment for Leakage

Emergency handling: Use personal protective equipment.

Personnel protection and emergency treatment: First cut off the source of leakage. Quickly evacuate personnel from the contaminated area to a safe area, isolate them, and strictly restrict access. It is recommended that emergency handlers wear masks, gloves, goggles and anti-static overalls.

Environmental protection measures: cut off the source of leakage and prevent it from flowing into the soil, rivers, sewers, flood drains, etc.

Leakage disposal:

A small amount of leakage: absorb with sand or other non-combustible materials, and then put it into a closed container.

A large number of leaks: build embankments or dig pits for storage. Cover with foam to reduce steam disasters. Use explosion-proof pump to transfer to tank truck or special collector, recycle or transport to waste disposal site for disposal.

Preventive measures: When handling, load and unload with care to prevent damage to packaging and containers. Equipped with corresponding leakage emergency treatment equipment.

Part 7 Operation and Storage

- Handling Precautions:** Operators must be specially trained to strictly follow the operating procedures. Keep away from fire, heat, and smoking in the workplace. Lightly load and unload during handling to prevent damage to packaging and containers. Equipped with the corresponding variety and quantity of fire-fighting equipment and leakage emergency treatment equipment. Wash hands thoroughly after handling.
- Storage Precautions:** Store in a cool, ventilated warehouse. Keep away from fire and heat. The warehouse temperature should not exceed 27 °C. Keep the container sealed. Food chemicals are stored separately.

Part 8 Exposure Control/Personal Protection

- Maximum allowable concentration:** No data .
- Monitoring Method:** None
- Engineering control:** Attention to ventilation during operation.
- Respiratory protection:** Generally does not require special protection.
- Eye protection:** Generally no special protection is required.
- Body protection:** Generally no special protection is required.
- Hand protection:** Generally no special protection is required.
- Other protection:** Smoking, eating and drinking are prohibited at the job site.

Part 9 Physical and Chemical Properties

- Appearance and traits:** Silver paste.
- Odor:** basically odorless
- pH value:** 6.5 ~ 7.5
- Flash point (°C):** 400
- Initial boiling point (°C):** Not available
- Lower explosion limit [% (V/V)]:** Not available
- Upper explosion limit [% (V/V)]:** Not available
- Solubility:** soluble in toluene and other organic solvents
- Auto-ignition temperature (°C):** Not available
- Melting point/freezing point (°C):** Not available
- Boiling point (°C):** Not available
- Boiling range (°C):** Not available
- Relative density (water = 1):** 1.43
- n-octanol/water partition coefficient:** Not available

Main use: Can replace all kinds of sealing gaskets to carry out static sealing to flange, cover plate, pipe joint, etc. It is suitable for plane sealing of generator, valve chamber and exhaust pipe of all kinds of heavy trucks and cars.

Part 10 Stability and Reactivity

Stability:	This product is stable.
Incompatible materials:	Strong oxidizing agents.
Conditions to avoid:	Open flames, high heat.
Polymerization hazard:	No polymerization
Decomposition products:	carbon monoxide, carbon dioxide.

Part 11 Toxicological Information

Infection Route: Inhalation, skin contact and accidental ingestion.

Irritation: Eye contact can cause irritation. Skin contact can cause irritation and can cause allergies.

This substance can cause respiratory irritation.

Acute toxicology: No information available.

Chronic poisoning: No data available.

Mutagenicity: No data available.

Teratogenicity: No information available.

Carcinogenicity: No data available.

Part 12. Ecological information

Environmental destruction and distribution:

Pollution to soil and water bodies, low toxicity to fish and mammals.

Biological toxicity: Low toxicity.

Biodegradability: No data available.

Non-biodegradable: No data.

Bioaccumulation: No data available.

Part 13 Waste Disposal

Nature of waste: hazardous waste.

Disposal methods: refer to the requirements of relevant national and local regulations or contact the manufacturer to determine the method of disposal.

Disposal precautions: Operators should wear appropriate personal protective equipment.

Part 14 Transport Information

UN Number:	N.A
Proper Shipping Name:	Not regulated.
Technical Name:	N.A
Hazard Class:	N.A
Hazard Subclass:	N.A
Packing Group:	N.A
Special Transportation Precautions:	No Information.

Part 15 Regulatory Information

Regulatory information: "Regulations on the Administration of Hazardous Chemicals Safety" (Promulgated by the state council on March 15, 2002), corresponding regulations have been made for the safe use, storage and transportation of chemical dangerous goods.

Part 16. Other information

References:

1. Globally Harmonized Classification and Labeling System of Chemicals (Second Revised Edition), 2007
2. Model Regulations for the Transport of Dangerous Goods (Fifteenth Revised Edition)
3. Regulations on the Safety Management of Dangerous Chemicals (Order No. 344 of the State Council)
4. List of dangerous goods (GB12268-2005)
5. Classification and article numbering of dangerous goods (GB6944-2005)
6. Regulations for the compilation of safety technical specifications for hazardous chemicals (GB16483-2000)
7. Classification and marking of commonly used hazardous chemicals (GB13690-92)

Professional training: Personnel engaged in the handling or transportation of dangerous goods must participate in the training of requirements related to the handling or transportation of dangerous goods, general knowledge or familiarity training, specific functional training and safety training.

Fill in the form: March 29, 2021

Modifications: First Edition