

MSDS Report

Guangzhou OTT New Materials Co.,Ltd.

Sample Description: Silicone Rubber

Address: First Floor Building A1 Tangkou 236 Industrial Zone

Tuanjie Village Xinhua Street Huadu District

Guangzhou Guangdong China.

Material Safety Date Sheet

According to ISO11014:2009 & GB/T 16483-2008

Section 1 - Chemical Product and Company Identification

Chemical product identification

Sample Description: Silicone Rubber

Sample photo:



Authenticate the photo on original report only

Company identification

Manufacturer: Guangzhou OTT New Materials Co., LTD.

Address: First Floor Building A1 Tangkou 236 Industrial Zone Tuanjie Village
Xinhua street Huadu district Guangzhou Guangdong China.

Tel:020-86819712

Fax:020-86812232

Post code:510800

Further information obtainable from

Emergency telephone:020-86819712

E-mail:info@ottsilicone.com

Section 2 - Hazards Identification

Classification of the substance or mixture

Classification according to GHS

Not a dangerous substance according to GHS.

Label elements

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

Hazard pictogram(s): No available

Signal word: No available
Hazard statement(s): No available
Precautionary statement(s):
Prevention: No available
Response: No available
Dispose: No available

Other hazards No information available.

Section 3 -Composition,Information on Ingredients

Chemical characterization: Mixture.

Chemical Composition	CAS No.	EC#	Weight(%)
Poly(Vinylmethoxysiloxane)	68037-87-6	--	30~40%
Silica	14464-46-1	238-878-4	30~40%
Poly(Dimethylsiloxane)	9006-65-9	--	20~40%
Catalyst	68478-92-2	270-844-4	3%~5%

Section 4 - First Aid Measures

Description of first aid measures

General information Normal use does not require special measures, industrial protection in the long term, refer to the following:

After eye contact

Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention if irritation persists.

After skin contact

Remove contaminated clothing and shoes. Immediately wash with water and soap and rinse thoroughly. Wash clothing and shoes before reuse. If irritation occurs, get medical attention.

After inhalation

Remove victim to fresh area. Administer artificial respiration if breathing is stopped. Seek medical attention.

After swallowing

Do not induce vomiting. Get medical attention.

Information for doctor:

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

Section 5- Fire Fighting Measures

Flammability: Non-Flammable.

Extinguishing media

Suitable extinguishing agents

Use water spray, dry chemical, carbon dioxide.

Special hazards arising from the substance or mixture

Silicon oxide and carbon dioxide.

Advice for firefighters

Protective equipment: wear self-contained respirator. Wear fully protective impervious suit.

Section 6 - Accidental Release Measures

Personal precautions,protective equipment and emergency procedures

Use personal protective equipment.Avoid breathing vapors,mist or gas. Ensure adequate ventilation.

Environmental precautions

Do not let protect enter drains.

Steps to be taken in case material is spilled or released.

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable,closed containers for disposal.

Waste disposal method

Dispose contaminated material as waste according to item 13.

Reference to other sections.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Section 7 -Handing and Storage

Handing

Precautions for safe handing

Keep container tightly closed in a dry and well-ventilated place.

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Information about fire and explosion protection

The product is non-flammable.

Condition for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles

Keep container tightly closed in a dry and well-ventilated place.

Information about storage in one common storage facility

Hygroscopic Light sensitive.

Further information about storage conditions

Keep container tightly sealed.

Specific and use

No further relevant information available.

Section 8 - Exposure Control, Personal Protection

Control parameters**Ingredients with limit values that require monitoring at the workplace:**

No further relevant information available.

Exposure controls**Personal protective equipment****General protective and hygienic measures**

The usually precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Remove all soiled and contaminated clothing immediately.

Wash hands before breaks and at the end of work.

Respiratory Protection

Use suitable respirator when high concentrations are present.

Personal Protection**Protection of hands**

Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties**General information**

Appearance:

Milky white.

Form:

liquid

Odour:

Not available

pH:

N/A

Change in condition

Melting point:

Not available

Boiling point:

Not available

Freezing point:

Not available

Flash point:

>100.0°C (Closed cup).

Flammability:	Non-flammable
Ignition temperature:	Not available
Decomposition temperature:	Not available
Self-igniting:	Not available
Danger of explosion:	Not available
Explosion limits	
Lower:	Not available
Upper:	Not available
Oxidizing properties:	Not available
Vapour pressure:	Not available
Density:	Not available
Relative density:	Not available
Vapour density:	Not available
Evaporation rate:	Not available
Solubility in/Miscibility with water:	Hardly soluble in water.
N-octanol/water partition coefficient:	Not available
Viscosity:	Not available
Dynamic:	Not available
Kinematic:	Not available
Other information:	

Section 10 - Stability and Reactivity

Reactivity: data not available

Chemical stability: Stable.

Possibility of hazardous reactions: Data not available.

Conditions to Avoid

Flames, sparks, and other sources of ignition, incompatible materials

Incompatibilities

Strong oxidizing agents.

Hazardous Combustible Products

Silicon oxide and carbon dioxide.

Hazardous Polymerization

N/A.

Section 11 - Toxicological Information

Information on toxicological effects

Acute toxicity

LD/LC50 Values relevant for classification:

No further relevant information available.

Primary irritant effect

No further relevant information available.

Sensitization:

No further relevant information available

Additional toxicological information:**Toxicological, metabolism and distribution:**

No further relevant information available

Acute effects(acute toxicity, irritation and corrosivity):

No further relevant information available

CMR effects(carcinogenity, mutagenictiy and toxicity for reproduction):

No further relevant information available

Section 12 - Ecological Information

Toxicity

Aquatic toxicity:No further relevant information available

Persistence and degradability: No further relevant information available

Behaviour in environmental systems

Bioaccumulative potential: No further relevant information available

Mobility in soil: No further relevant information available

Ecological effects**Additional ecological information****General notes:**

Do not allow material to be released to the environment without proper governmental permits.

Other adverse effects: No further relevant information available.

Section 13-Disposal Considerations

Waste Treatment Methods**Recommendation:**

Consult state, local or national regulations to ensure proper disposal.

Uncleaned packing

Recommendation: disposal must be made according to official regulations.

Section 14--Transport Information

UN Number IATA, IMDG	Not regulated
UN Proper shipping name IATA, IMDG	Not regulated
Transport Hazard class(es) IATA, IMDG	Not regulated
Packing Group IATA, IMDG	Not regulated
Environmental hazards Marine pollutant:	No
Special precautions for user	This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods

Section 15-Regulatory Information

This material safety datasheet complies with the requirements of Regulation(EC) No. 1907/2006.

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

Component	CAS No.	TSCA	EC#	EINECS
Poly(Vinylmethoxysiloxane)	68037-87-6	Listed	--	Not listed
Silica	14464-46-1	Listed	238-878-4	listed
Poly(Dimethylsiloxane)	9006-65-9	Listed	--	Not listed
Catalyst	68478-92-2	Listed	270-844-4	listed

Chemical safety assessment: A chemical safety Assessment has not been carried out.

Section 16- Additional information

Abbreviations and acronyms

CLP: EU regulation(EC) No 1272/2008 on classification, labelling and packaging Of Chemical substances and mixtures.

CAS: Chemical Abstracts Service(Division of the American Chemical Society).

ACGIH: American Conference of Governmental Industrial Hygienists

TLV: Threshold Limit Value

IATA: International Air Transport Association
IMDG: International Maritime Dangerous Goods
LC50: Lethal Concentration, 50 percent kill
LD50: Lethal dose, 50 percent kill
TWA Time weighted Average
TSCA United States Toxic Substances Control Act Section 8(b) Inventory
EINECS European Inventory of Existing Commercial Chemical Substances

Declare to reader

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material of his particular purpose.

MSDS Creation Date: Jan 02. 2025

End of report

Guangzhou OTT New Materials Co.,Ltd.