

DongGuan Tian'an Silicone Technology Co.Ltd

Safety Material data sheet

Dong Ao Industrial Area, Tian Rao Bu Village, HengLi Town, Dongguan City,
Tel :+86 769 -81,928,720 Fax :+86 769 -81,928,730

Silicone Rubber

No.1、Chemicals and Corporate Identity

1.1	Item name:	Vapor phase silicone rubber
1.2	Product code of manufacturer:	
1.3	Classification of Dangerous chemicals:	
1.4	Classification of dangerous su	Not yet assessed
1.5	Company introduction:	
	Supplier name:	DongGuan Tian'an Silicone Technology Co.Ltd
	Address:	Dong Ao Industrial Area, Tian Rao Bu Village, HengLi Town, Dongguan City
	Tel:	Tel: (0769) 81928720 Fax: (0769) 81928730
	Emergency telephone	Tel: (0769) 81928720 Fax: (0769) 81928730
	Contact person:	Environmental, health and safety manager

No.2、Components/composition information

2.1	Chemical classification:	Compound	
2.2	Physical form:	Gel	
2.3	Color:	Translucent	
2.4	Main application:	Soft silicone mold	
2.5	Dangerous components:	No	
2.6	Chemical substance name	CASNO	Wt%
	Methyl Vinyl Polymethylsiloxar	68951-99-5	55-75
	Silica	7631-86-9	20-40
	Hydroxyl-terminated Silicone O	70131-67-8	<5

No.3、Hazardous Appraisal

3.1	Hazard categories:	NO
3.2	Risk information:	No The container stored in a well ventilated place Away from combustible items, smoking is not allowed Avoiding contact with skin and eyes
3.3	Exposure pathways.:	Skin contact and accidental swallowing
3.4	Health hazard:	
	Acute effect	
	Eyes:	Direct contact may cause temporary redness and uncomfortable feeling
	Skin:	A short time exposure won't have a significant effect
	Inhale:	A short time exposure won't have a significant effect

	Ingestion:	With only a very low intake of normal use
	Chronic influence	
	Skin:	No suit data
	Inhale:	No suit data
	Ingestion:	Swallowing large or repeated intake can cause internal damage
3.5	The influence of excessive exposure	The normal condition, single exposure won't have the harmful effect

No.4、 First aid measures

4.1	Eyes:	Immediately flush with water
4.2	Skin:	No need first-aid
4.3	Inhale:	No need first-aid
4.4	Ingestion:	medical treatment

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No.5、 Fire-fighting measures

5.1	Flammability:	Combustible
5.2	Flash(ing) point:	>150°C closed cup test
5.3	Ignition temperature:	Not determined
5.4	Upper explosive limit:	Not determined
5.5	Lower explosive limit:	Not determined
5.6	Hazardous characteristics:	No
5.7	Fire extinguishing agent:	When the big fire use dry chemical, foam or water mist; Small fire use carbon dioxide, dry chemical or water mist Water cool the container exposed to the fire
5.8	Special fire fighting procedure	Put out the fires involving chemical, wear a self-contained breathing apparatus and protective clothing. According to the local emergency plan, decide whether to evacuate or isolate the area, water cool the container exposed to the fire
5.9	Hazardous combustion products	Silica, carbon dioxide and trace the incomplete combustion of carbon
5.10	Forbid using of fire extinguishers	Uncertain

No.6、 Accidental Release Measures

6.1	Personal protection:	Avoid contact with skin and eyes. Avoid inhalation
6.2	Environmental Considerations	Don't eat. With sand, earth or other appropriate inhibitor moisture, keep container seal. to prevent proliferation or into the sewers, The drain or river.
6.3	Methods of Eliminating:	According to the local emergency plan, decide whether to evacuate and isolate the area or not . Comply with the listed advice in this material safety data sheet of all personal protective equipment .If the items of containment

can be sucked up,that should be loaded in the container. With suitable adsorbent cleaning residue leakage. Clean up the spill area appropriately,because some silicone items even in very small also can produce satiny hazards.Demand to use of steam, solvent or detergent for final cleaning. Appropriate treatment soaked saturation absorption agent or cleaning supplies, because it could also apply to used to clean up the leak of material goods.

No.7、 Handling and Storage

- | | | |
|-----|-------------------------------|---|
| 7.1 | Operation note: | Use adequate ventilation exhaust equipment.Avoid contact v skin and eyes.Avoid inhalation moisture,keep container seal. Do not eat. Good industrial hygiene practices, please Clean after operation ,especially before eating and smoking |
| 7.2 | Storage Note: | Be caution, far from oxidizing material storage |
| 7.3 | Not suitable for packaging ma | Uncertain |

No.8、 Contact control/personal protection

8.1 Contact control personal protection

- | | |
|----------------------------|---|
| Eye protection: | Use proper protection - safety glasses are the basic required |
| Hand protection: | No special protection |
| Skin protection: | Dine and after work should be fully clean |
| Personal hygiene measures: | Good industrial hygiene practices, please wash after operatic
Especially before eating and smoking |

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8.2 The leakage of personal protective equipment

- | | |
|-------------------------|--|
| Respiratory protection: | No need respiratory protective equipment |
| Eye protection: | Use proper protection - safety glasses are the basic required |
| Skin protection: | Dine and after work should be fully clean |
| Preventive action: | Avoid contact with skin and eyes. Do not eat. Take proper protection |

No.9、 Physical and Chemical Properties

- | | | |
|-----|---------------------------|-----------------------|
| 9.1 | Physical form: | Colloid |
| 9.2 | Color: | Translucence |
| 9.3 | Smell: | Not reported |
| 9.4 | Flash point: | >150°C closed up test |
| 9.5 | Explosive: | No |
| 9.6 | Oxidbillity: | No |
| 9.7 | Proportion: | 0.98-1.23 |
| 9.8 | Molecular weight (25°C) : | 500000~700000 |

Above is for reference only.If there is ready for some production information ,please contact Tinaan com

No.10、 Stability and Reactivity

- | | | |
|------|------------|--------|
| 10.1 | Stability: | Stable |
|------|------------|--------|

10.2	Reactivity: Avoid contact with conditions: No Forbid mixing thing: No Decomposition product: Silica, carbon dioxide and trace the incomplete combustion of carbon Aggregation of risk: No the harm of polymerization reaction
No.11、Toxicological information	
11.1	Health hazard: Refer to chapter 3.4
11.2	Sensitization: Unknown
11.3	Mutagenicity: Unknown
11.4	Reproductive genetic: Unknown
11.5	Carcinogenicity: No
11.6	Other health hazard informatic No suit data
No.12、Ecology information	
12.1	Bioaccumulation: No biological accumulation ability
12.2	The influence of wastewater treatment plants: Stick with sewage sludge, it can be removed more than 90%.Had noharmful effect on bacteri The product of siloxance is not part of the BOD
12.3	Further information environment: Degradability: According to the requirement to provide additional information about the silicone compound environment
No.13、Waster disposal	
13.1	Method of product waster disp According the local statues
13.2	Method of packaging waster d According the local statues

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No.14、Transport information	
14.1	Road and rail transport: Not yet assessed
14.2	Ocean shipping(IMDG): Not belong to IMDG coding.
14.3	Air transportation(IATA): Not belong to IATA rule.
No.15、Regulatory information	
15.1	Applicable regulations: Workplace safety use of chemicals[(1996)Issued by the mini of labor NO.423], For the safe use of hazardous chemicals, production, transportation, loading and unloading, etc for the corresponding provisions.
15.2	Chemicals in stock: AICS: All of list or absolution DSL: All chemicals in this item have been listed in the DSL chemi DSL The exemption directory of chemical IECSC: All of list or absolution MITI: All of listed ENCS or its exempt from regulation. KECL: All of listed or be exempted from or announcements.

EINECS:	All of list or absolution
PICCS:	All of list or absolution
TSCA:	All chemicals in this item have been listed in the TSCA cherr directory or gain TSCAThe exemption directory of chemical
No.16、 Other information	
Contact:	Technical Service Engineer 13809289526
Producer:	DongGuan Tian'an Silicone Technology Co.Ltd
This data isn't the specification,just for providing some representative valued concept.There is no guarantee, express or implied.Some industrial health and safety to recommand can be	

(R) means registered trademark