

DongGuan TN 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

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Silicone rubber TN9XX

No.1、Chemicals and Corporate Identity

1.1 Item name: Silicone rubber TN9XX
1.2 Product code of manufacturer:
1.3 Classification of Dangerous chemicals:
1.4 Classification of dangerous sut 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 silicone rubber	68083-18-1	55-75
	Fumed Silica	7631-86-9	20-40
	Hydroxyl-terminated Silicone Oi	70131-67-8	5-10

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

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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 effects

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

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 procedures Put out the fires involving chemical,wear a self-contained
According to breathing apparatus and protective clothing.
the local emergency plan, decide whether to evacuate
or isolate the area,water cool the container exposed to the fire

5.9 Hazardous combustion product Silica, carbon dioxide and trace the incomplete
combustion of carbon

5.10 Forbid using of fire extinguishin 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.

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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 with 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 mat	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 operation Especially before eating and smoking
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

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9.8	Molecular weight (25°C) :	500000~700000
Above is for reference only.If there is ready for some production information ,please contact Tinaan compa		
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 informatio	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 bacteria.	
	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 di	According the local statues
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 minist 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 chemical



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IECSC:	DSL The exemption directory of chemical 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 chemica directory or gain TSCAThe exemption directory of chemical
No.16、 Other information	
Contact: 21-Jul-20	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 recommend can be	

(R) means registered trademark

