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

1、Chemicals and Corporate Identity

1.1	Item name：	LSR7XXX
1.2	Product code of manufacturer：	
1.3	Classification of Dangerous chemicals：	
1.4	Classification of dangerous su	Not yet assessed
1.5	Conpany 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

2、Components/composition information

2.1	Chemical classification：	Compound
2.2	Physical form：	Solid
2.3	Color：	Translucence
2.4	Main application：	Soft silicone mold
2.5	Dangerous components：	No

2.6 COMPOSITION/INFORMATION ON INGREDIENTS

Part A

Common Name	Chemical Name	CAS. NO.	Wt%
Silicone oil	Methyl vinyl polysiloxane	68083-18-1	55～75
Silica	Silicon dioxide	7631-86-9	20～40
Additive	Hydroxy-terminated silicone fluid	70131-67-8	0.1～2
Release Agent	Stearic acid	57-11-4	0～1
Platinum catalyst	1,3- two -1,1,3,3- four two methyl vinyl siloxane platinum	68478-92-2	0.05～0.5

Part B

Common Name	Chemical Name	CAS. NO.	Wt%
Silicone oil	Methyl vinyl polysiloxane	68083-18-1	55～75
Silica	Silicon dioxide	7631-86-9	20～40
Additive	Hydroxy-terminated silicone fluid	70131-67-8	0.1～2
Release Agent	Stearic acid	57-11-4	0～1
Crosslinking agent	Poly(methylhydrosiloxane)	63148-57-2	0.6～12
Inhibitor	1-Ethynyl-1-cyclohexanol	78-27-3	0.01～0.12

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 expos	The normal condition,single exposure won't have the harmful effects

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

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 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 produc	Silica, carbon dioxide and trace the incomplete combustion of carbon
5.10	Forbid using of fire extinguishi	Uncertain

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.

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 ma	Uncertain

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

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9、Physical and Chemical Properties

9.1	Physical form：	Solid
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：	1.05-1.16

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

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

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

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

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

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.

15、Regulatory information

15.1	Applicable regulations:	Workplace safety use of chemicals[(1996)Issued by the ministry of labor NO.423], For the safe use of hazardous chemicals, production, transportation, loading and unloading, etc for the
15.2	Chemicals in stock:	corresponding provisions.
	AICS:	All of list or absolution
	DSL:	All chemicals in this item have been listed in the DSL chemicals 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 chemicals directory or gain TSCAThe exemption directory of chemical

16、Other information

Contact:	Technical Service Engineer
Producer:	DongGuan Tian'an Silicone Technology Co.Ltd

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