

Material Safety Data Sheet

Silicone Rubber		
1、 IDENTIFICATION OF THE CHEMICAL AND OF THE COMPANY		
1.1	Product Name:	Silicone Rubber
1.2	Classification of Chemical:	Silicone compound
1.3	Product Model	NE-10、 NE-20、 NE-131、 NE-141、 NE-151、 NE-161、 NE-171、 NE-181、 NE-191、 NE-130、 NE-140、 NE-150、 NE-160、 NE-170、 NE-180、 NE-190 、 NE-5140、 NE-5150、 NE-5160、 NE-5170、 NE-5180、 NE-5240、 NE-5250、 NE-5260、 NE-5270、 NE-5280、 NE-5340、 NE-5350、 NE-5360、 NE-5370、 NE-5380、 NE-251、 NE-261、 NE-271、 NE-281、 NE-240、 NE-250、 NE-260、 NE-270、 NE-280、 NE-7120、 NE-7125、 NE-7130、 NE-7140、 NE-7150、 NE-7150U、 NE-7155U、 NE-7160、 NE-7160U、 NE-7170、 NE-7180、 NE-7190、 NE-7240、 NE-7250、 NE-7260、 NE-7270、 NE-7280、 NE-7340、 NE-7350、 NE-7360、 NE-7370、 NE-7380、 NE-8131、 NE-8135、 NE-8141、 NE-8151、 NE-8161、 NE-8171、 NE-341、 NE-345、 NE-351 、 NE-3140、 NE-3150、 NE-3160、 NE-3250、 NE-3260、 NE-3270、 NE-631、 NE-641、 NE-651、 NE-661、 NE-671、 NE-681 、 NE-GT131 、 NE-GT141 、 NE-GT151 、 NE-GT161 、 NE-GT171、 NE-GT181、 NE-1440、 NE-1450、 NE-1460、 NE-1470、 NE-J140、 NE-J150、 NE-J160、 NE-J170
1.4	Company Details:	
	Manufacturer/Supplier:	.
	Address:	No.196 Fuyin St.(e), Qiaolin, Pukou District, Nanjing City, Jiangsu Province, China
	Telephone Number:	86-25-58232478
	Emergency Telephone Number:	86-25-58231473
	Fax :	86-25-58233631
	Contact Person:	Engineer
1.5	First Issuing Date:	2013.06.05

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#### 2、INGREDIENTS/COMPOSITION INFORMATION

- 2.1 **Chemical Category:** Mixture
- 2.2 **Physical Form:** Solid state
- 2.3 **Color:** Milky-white.
- 2.4 **Use:** Silicone Rubber Manufacture.
- 2.5 **Hazardous components:**

Chemical name	CAS -NO.	Concentration (% w/w)
Octamethylcyclotetrasiloxane	556-67-2	≤0.20
Decamethylcyclopentasiloxane	541-02-6	≤0.20
Dodecamethylcyclohexasiloxane	540-97-6	≤0.20

#### 3、HAZARDS IDENTIFICATION

- 3.1 **Overall Hazard Classification:** Not hazardous.
- 3.2 **Route of Exposure:** Skin contact and Accidental Ingestion.
- 3.3 **Possible Health Effects:**
- Acute**
- Eye:** Avoid contact with eyes.
- Skin:** No significant irritation expected from a single exposure.
- Inhalation:** No significant effects expected from a single short-time exposure.
- ingestion:** Low ingestion hazard in normal use.
- Chronic**
- Skin:** No known applicable information.
- Inhalation:** No known applicable information.
- Ingestion:** Repeated ingestion or swallowing large amounts may injure internally.
- 3.4 **Signs and Symptoms of Overexposure:** No significant adverse effects from a single exposure expected from normal use.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

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#### 4、FIRST AID MEASURES

- |     |                    |                                     |
|-----|--------------------|-------------------------------------|
| 4.1 | <b>Eyes:</b>       | Rinse with clean water immediately. |
| 4.2 | <b>Skin:</b>       | No first aid should be needed.      |
| 4.3 | <b>Inhalation:</b> | No first aid should be needed.      |
| 4.4 | <b>Ingestion:</b>  | Medical treatment.                  |

#### 5、FIRE FIGHTING MEASURES

- |     |  |   |
|-----|--|---|
| 5.1 | <b>Flammability:</b>                               | Non-flammable.  |
| 5.2 | <b>Autoignition temperature:</b>                   | Not determined.   |
| 5.3 | <b>Hazardous Properties:</b>                       | None.   |
| 5.4 | <b>Extinguishing Media:</b>                        | On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide(CO <sub>2</sub> ), dry chemical or water spray. Water can be used to cool fire exposed containers.  |
| 5.5 | <b>Special Fire Fighting Equipment/Procedures:</b> | Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. |
| 5.6 | <b>Hazardous combustion Products:</b>              | Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide.  |
| 5.7 | <b>Unsuitable Extinguishing Media:</b>             | None  |

#### 6、ACCIDENTAL RELEASE MEASURES

- |     |                                   |  |
|-----|-----------------------------------|--|
| 6.1 | <b>Personal Precautions:</b>      | Do not take internally. Avoid eyes contact.              |
| 6.2 | <b>Environmental Precautions:</b> | Do not allow large quantities to enter drains or waters. |

**Methods for Cleaning up:** Observe all personal protective equipment recommendations described in this MSDS. Collect and contain for salvage or disposal. Laws and regulations may apply to releases and disposal of this material , as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable.

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#### 7. HANDLING AND STORAGE

<b>7.1 Handling Precautions:</b>	Use with adequate ventilation. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.
<b>7.2 Storage Conditions:</b>	Use reasonable care and store away from oxidizing materials.
<b>7.3 Unsuitable Packaging Materials:</b>	None known.

#### 8. EXPOSURE CONTROLS/INDIVIDUAL PROTECTION

8.1	<b>Industrial Hygiene Standards:</b>	Ventilation: Refer to Section 7.	
	<b><u>Ingredients</u></b>	<b><u>CAS NO.</u></b>	<b><u>Exposure Limits</u></b>
	None known.		
8.2	<b>Engineering Controls</b>		
	<b>Local Ventilation:</b>	None should be needed.	
	<b>General Ventilation:</b>	Recommended.	
8.3	<b>Personal Protective Equipment for Routine Handling</b>		
	<b>Respiratory Protection:</b>	No respiratory protection should be needed.	
	<b>Eyes protection:</b>	Use proper protection-safety glasses as a minimum.	
	<b>Hands protection:</b>	No special protection needed.	
	<b>Skin protection:</b>	Washing at mealtime and end of shift is adequate.	
	<b>Hygiene measure:</b>	Exercise good industrial hygiene practice.	
		Wash after handling, Smoking and eating are strictly prohibited.	
8.4	<b>Personal Protective Equipment for Spills:</b>		
	<b>Respiratory Protection:</b>	No respiratory protection should be needed.	
	<b>Eyes protection:</b>	Use proper protection-safety glasses as a minimum.	
	<b>Skin protection:</b>	Washing at mealtime and end of shift is adequate.	
	<b>Precautionary Measures:</b>	Do not take internally. Use reasonable care.	
	<b>Comments:</b>	If this product is heated to >150degrees C, trace quantities of formaldehyde may be released, and adequate ventilation is required.	

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

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#### 9、PHYSICAL AND CHEMICAL PROPERTIES

9.1	<b>Physical Form:</b>	Solid state
9.2	<b>Color:</b>	Milky-white
9.3	<b>Odor:</b>	None
9.4	<b>pH:</b>	Not determined
9.5	<b>Melting Point:</b>	Not determined
9.6	<b>Boiling Point:</b>	Not determined
9.7	<b>Specific Gravity(g/cm<sup>3</sup>):</b>	Not available
9.8	<b>Vapour Density(air=1):</b>	Not determined
9.9	<b>Octanol/water partition</b>	Not determined
9.10	<b>coefficient:</b>	No
9.11	<b>Flash Point:</b>	Not determined
9.12	<b>Autoignition temperature:</b>	No
9.13	<b>Explosive properties:</b>	
	<b>Solubility in Water:</b>	Not determined

The above information is not intended for use in preparing product specifications. Contact Dong Jue before writing specifications.

#### 10、STABILITY AND REACTIVITY

10.1	<b>Stability:</b>	Stable.
10.2	<b>Reactivity:</b>	
	<b>Conditions to Avoid:</b>	None
	<b>Materials to Avoid</b>	
	<b>Products:</b>	Can react with strong oxidizing agents. Carbon oxides and traces of incompletely burned carbon compounds. Silicon Dioxide.
	<b>Hazardous</b>	
	<b>Polymerization:</b>	Hazardous polymerization will not occur.

#### 11、TOXICOLOGICAL INFORMATION

11.1	<b>Possible Health Effects:</b>	Refer to Section 3.3
11.2	<b>Acute toxicity:</b>	No
11.3	<b>Thill:</b>	No
11.4	<b>Other Health Hazard</b>	None known applicable information.
	<b>Information:</b>	None known applicable information.

The above listed potential effects of overexposure are based on actual data, the results of studies performed upon similar compositions, component data, and/or expert review on the products.

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#### 12、ECOLOGICAL INFORMATION

12.1	<b>Environmental Fate and Distribution:</b>	Insoluble in water. No adverse effects are predicted.
12.2	<b>Environmental Effects:</b>	No adverse effects on aquatic organisms are predicted.
12.3	<b>Bioaccumulation:</b>	No bioaccumulation ability.
12.4	<b>Fate and Effects in Waste Water Treatment Plants:</b>	No adverse effects on bacteria are predicted.

#### 13、OFFAL DISPOSAL

13.1	<b>Product Disposal:</b>	Dispose of in accordance with local regulations.
13.2	<b>Packaging Disposal:</b>	Dispose of in accordance with local regulations.
13.3	<b>Disposal Notice</b>	Dispose of in accordance with local regulations.

#### 14、TRANSPORT INFORMATION

14.1	<b>Road and Rail Transport:</b>	Not applicable.
14.2	<b>Sea Transport (IMDG) :</b>	Not subject to IMDG code.
14.3	<b>Air Transport (IATA) :</b>	Not subject to IATA regulations.

#### 15、REGULATORY INFORMATION

15.1	<b>Applicable Laws:</b>	Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace, particularly those Relating to the safe use, production, storage and transportation of dangerous chemicals
15.2	<b>Chemical Inventories:</b>	
	<b>KECL:</b>	All ingredients listed exempt or notified.
	<b>MITI:</b>	All components are listed on ENCS or its exempt rule.
	<b>IECSC:</b>	All ingredients listed or exempt.
	<b>AICS:</b>	All ingredients listed or exempt.
	<b>PICCS:</b>	All ingredients listed or exempt.
	<b>EINECS:</b>	Not determined.
	<b>TSCA:</b>	Not determined.
	<b>DSL:</b>	Not determined.

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#### 16、OTHER INFORMATION

**Contact Point:** Engineer86-25-58231473

**Prepared by:** .

This information is offered in good faith as typical values but not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applied. However, each user should review these recommendations in the specific context of the intended use to determine whether they are appropriate.