

# Material Safety Data Sheet

Material: 39100000

**Commodity and Specification: Silicon Rubber**

**Packing Unit: 20 KGS/carton**

Date of print: 2008/01/01 Date of last alteration 2006/10/1

## 1 Identification of the substance/preparation and company

### 1.1 Identification of the substance or preparation:

**Commercial product name: silicon rubber**

Commodity and Specification: Silicon Rubber

Packing Unit: 20 KGS/carton

### 1.2 Company/undertaking identification:

**Manufacturer/distributor:JIANGSU HONGDA NEW MATERIAL CO.,LTD.**

**Street: mingzhu square yangzhong city Jiangsu province China**

**State/postal code: 212200**

**Tel: 86-511-8221119**

**Fax: 866-511-8224579**

	Telefax	Telephone
Information (Dept.)	86-511-8224579	86-511-5-8221119

Emergency information	86-511-8221031/1038
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## 2 Composition / information on ingredients

### 2.1 Chemical characterization (Substance)

Commodity No.	Chemical characteristics	percentage
HD-6770	Methyl vinyl silicone gum	60%
	Silicone oil, zinc stearate	5%
	Silicone dioxide	35%

## 3 Hazards identification

### 3.1 Critical hazards to man and environment: No hazards

## 4 First aid measures

### 4.1 General information:

#### 4.2 After inhalation:

No special measures required

#### 4.3 After contact with the skin:

No special measures required

#### 4.4 After contact with the eyes:

No special measures required

#### 4.5 After swallowing:

No special measures required

## 5 Fire-fighting measures

### 5.0 General information:

Product does not burn. Use extinguishing measures appropriate to the source of the fire.

### 5.1 Suitable extinguishing media

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### 5.2 Extinguishing media which must not be used for safety reasons

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### 5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

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### 5.4 Special protective equipment for fire fighting

## 6 Accidental release measures

### 6.1 Personal precautions

Avoid dust formation

### 6.2 Environmental precautions:

Avoid dust, humidity

### 6.3 Methods for cleaning up:

Damp down and fill into containers

## 7 Handling and storage

### 7.1 Handling:

#### Precautions for safe handling:

Avoid dust formation

Precautions against and humidity, none flammable.

### 7.2 Storage

#### Conditions for storage rooms and vessels

#### Advice for storage of incompatible materials

#### Further information for storage

## 8 Exposure conditions and personal protection equipment

### 8.1 Further information for system designed and engineering /measures

### 8.2 Personal protection equipment

General protection and hygiene measures

Do not breathe dust

Respiratory protection

Fine dust mask without protection rating when dust formatting

Hand protection: protective gloves recommended

## 9 Physical parameters

### 9.1 Appearance

Form -----solid

Color-----semi-transparent or transparent

Odour-----odourless

### 9.2 Safety parameters

Melting point ----- about 250°C

Flash point -----not applicable

Ignition temperature-----not applicable

Lower explosion point----- not applicable

Upper explosion point----- not applicable

Density-----approx (1.1---1.5)±0.05g/cm<sup>3</sup>

Bulk density-----1100-1500kg/m<sup>3</sup>  
Solubility in water -----virtually insoluble  
PH-value-----approx. 7

### 9.3 Further information

## 10 Stability and reactivity

### 10.0 General information:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

### 10.1 Condition to avoid

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### 10.2 Masteries decomposition products:

If stored and handled in accordance with standard industrial practices and local regulations where applicable: none known.

## 11 Toxicological information

### 11.0 General information

According to previous experience. No harmful effects expected

Specific symptoms in animal test:

Acute inhalation: At the technically highest possible concentration no mortality in animal test.

Primary irritation:

Exposition	Effect	Species	Source
To skin	Not irritating	Rabbit	Literature
To eyes	Not irritating	Rabbit	literature

### Further information:

According to previous experience, non-mutagenic.

### 11.1 Sub acute to chronic toxicity:

Result:

Animals experiments have not revealed any carcinogenic or genetically harmful effects. Chronic respiratory exposure: Changes in respiratory organs observed in animal experiments(inflammatory process) were reversible; no indication of silicosis.

### 11.2 Experience with man:

By prolonged contact with the product no damage to health was observed.

## 12 Ecological information

### 12.1 Information on elimination (persistence and degradability)

Biodegradation / further information:

Not applicable

### 12.2 Behavior in environmental compartments

Further information

No harmful effects expected.

### 12.3 Ecotoxicological effects:

According to present experience, no adverse effects on water purification plants. Can be removed mechanically from waste water.

### 12.4 Further ecological information

**General information:**

Insoluble in water.

## 13 Disposal considerations

### 13.1 Material

**Recommendation:**

After solidification, material can be stored together with domestic waste. Observe local bye-laws.

### 13.2 Contaminated packaging

#### Recommendation:

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/national bye-laws.

## 14 Notes on transport

### 14.1 land transport GGVS/ADR and GGVE/RID

#### Road GGVS/ADR:

Valuation-----: Non-hazardous material

#### Railway GGVE/RID:

Valuation-----: Non-hazardous material

Express-----: permitted

### 14.2 Inland navigation GGVB/ADNR

### 14.3 Transport by sea GGVS/IMDG-Code

Valuation-----: Non-hazardous material

### 14.4 Air transport

Valuation-----: Non-hazardous material

### 14.5 Transport/further information

Postal and courier service:

Chinese postal dispatch-----: permitted

## 15 Regulatory information

### 15.1 Warning Label (CHN)

R-phrase	Description
R:-	-
S-phrase	Description
S:-	-

### 15.2 National regulations:

## 16 Other information

### 16.1 Material

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

**n.a. = not applicable**

**n.s. = not subject to**