



Pony Testing International Group

Report No.: E06153001416D~1

# MSDS Report

Samples

Silicon

Client Unit

SHENZHEN HONGYEJIE TECHNOLOGY CO., LTD

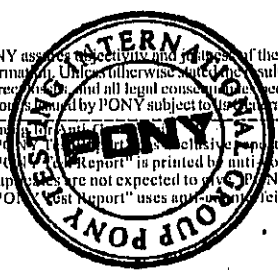
Client Address

Building A, No.3, Hongling First Road, Liulian Shibi, Pingdi Town, Longgang District, Shenzhen, China.



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- 1. "Pony Test Report" is printed on security print code, namely, each code corresponds with only one "Test Report".
- 2. "Pony Test Report" is printed by anti-copying paper whose surface shows "PONY" security print with specific anti-counterfeiting technique. Security print will disappear after copying. Duplication are not expected to copy "PONY" security print under any circumstances.
- 3. "Pony Test Report" uses anti-counterfeiting paper with watermarks which shall show colorless fluorescent "PONY" mark under ultraviolet radiation, e.g. a UV counterfeit money detector.



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## Material Safety Data Sheet

### Section 1 - Chemical Product and Company Identification

**Product Name:** Silicon

**Manufacturer:** SHENZHEN HONGYEJIE TECHNOLOGY CO., LTD

**Address:** Building A, No.3, Hongling First Road, Liulian Shibi, Pingdi Town, Longgang District, Shenzhen, China.

**Post Code:** 518117

**Tel:** 0755-89948055

**Emergency Telephone:** 0755-89948055

**Fax:** 0755-85224686

**E-Mail:** /

### Section 2 - Composition Information on Ingredients

Chemical Name	CAS No.	Weight (%)
Dimethyl siloxane	63148-62-9	35
Silicon Dioxide Powder	14808-60-7	35
Polydimethylsiloxane	68083-19-2	30

### Section 3 - Hazards Identification

#### Eyes

May cause eye irritation.

#### Skin

May cause skin irritation.

#### Inhalation

May be harmful if inhaled. May cause respiratory tract irritation.

#### Ingestion

May be harmful if swallowed.

### Section 4 - First Aid Measures

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**Eye**

Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention if irritation persists.

**Skin**

Remove contaminated clothing and shoes. Immediately wash with water and soap and rinse thoroughly. Wash clothing and shoes before reuse. If irritation occurs, get medical attention.

**Inhalation**

Remove victim to fresh area. Administer artificial respiration if breathing is stopped. Seek medical attention.

**Ingestion**

Do not induce vomiting. Get medical attention.

## Section 5 - Fire Fighting Measures

**Flash Point:** >100°C (Closed cup).

**Flammability:** Non-flammable.

**Extinguishing Media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Firefighting**

Wear self contained breathing apparatus and protective clothing.

**Products of Combustion**

Carbon monoxide, carbon dioxide, silicon oxides.

## Section 6 - Accidental Release Measures

**Steps to be taken in case material is spilled or released**

Keep all sources of ignition and heat from away spill/release. Evacuate area. Avoid contact with eye. Avoid breathing vapor, dust or contact with liquid. Shut off source of the leak only if it is safe to do so. Absorb on fire-retardant treated dry earth, sand, or diatomaceous earth, etc. Dike if needed. Keep spilled material out of sewers, ditches and bodies of water.

**Waste Disposal Method**

Use Waste Disposal Methods in accordance with local rules and regulations.

## Section 7 - Handling and Storage

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### Handling

Keep away from heat, sparks and open flame, other ignition sources. Protect from direct sunlight. Keep containers closed when not in use. Avoid eye contact. Avoid prolonged or repeated contact with skin. Wash skin with soap and water after contact.

### Storage

Store in a cool, dry, well-ventilated place. Consumption of food and beverage should be avoided in work areas. Wash hands with soap and water before eating, drinking. Ground containers when transferring liquid to prevent static accumulation and discharge. Keep away from any incompatible material, such as strong oxidizing agents, strong acids, strong base.

## Section 8 - Exposure Controls, Personal Protection

If prolonged or repeated contact with this material, handle as follows

### Engineering Controls

Keep workroom concentration below current applicable OSHA safety and health requirements. If necessary, configure the explosion-proof, anti-static devices.

### Respiratory Protection

Appropriate vapor canister, self-contained breathing apparatus or supplied-air hose mask below current applicable OSHA safety and health requirements.

### Personal Protection

Safety glasses, protective gloves, eye washer and safety shower if needed.

## Section 9 - Physical and Chemical Properties

**pH:** 5.0(27°C, 59%RH).

**Flash Point:** >100°C(Closed cup).

**Flammability:** Non-flammable.

**Solubility in water:** Be difficult to soluble in water.

**Appearance Characters:** White liquid.

## Section 10 - Stability and Reactivity

### Stability

Stable under normal conditions.

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### Incompatibilities

Strong oxidizing agents, strong acids, strong bases.

### Hazardous Combustible Products

Carbon monoxide, carbon dioxide, silicon oxides.

### Hazardous Polymerization

Will not occur.

## Section 11 - Toxicological Information

### Dimethyl siloxane

Oral LD50 for rat: >24 gm/kg.

Dermal LD50 for rabbit: >2 gm/kg.

### Polydimethylsiloxane

#### Acute toxicity

Oral LD50 for rat: > 15440 mg/kg.

Dermal LD50 for rabbit: > 15440mg/kg.

## Section 12 - Ecological Information

### Environment Effect

Report spills as required to appropriate authorities. U.S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks.

## Section 13 - Disposal Considerations

### Disposal Treatment

All disposals must comply with federal, state, and local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to state and local regulations. If regulated solvents are used to clean up spilled material, the resulting waste mixture may be regulated. Department of Transportation (DOT) regulations may apply for transporting this material when spilled.

## Section 14 - Transport Information

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The Silicon is exempt from dangerous goods. It is considered non-dangerous goods by the International Civil Aviation Organization (ICAO), the International Air Transport Association (IATA), International Maritime Dangerous Goods regulations (IMDG), or Technical Instructions for the Safe Transport of Dangerous Goods (TI).

**Transport Fashion:** By air, by sea, by railway, by road.

**Packaging Information:** Iron drum, plastic drum.

## Section 15 - Regulatory Information

### Law Information

- 《Dangerous Goods Regulation》
- 《Recommendations on the Transport of Dangerous Goods Model Regulations》
- 《International Maritime Dangerous Goods》
- 《Technical Instructions for the Safe Transport of Dangerous Goods》
- 《Classification and code of dangerous goods》
- 《Occupational Safety and Health Act》 (OSHA)
- 《Toxic Substances Control Act》 (TSCA)
- 《Consumer Product Safety Act》 (CPSA)
- 《Federal Environmental Pollution Control Act》 (FEPCA)
- 《The Oil Pollution Act》 (OPA)
- 《Superfund Amendments and Reauthorization Act Title III (302/311/312/313)》 (SARA)
- 《Resource Conservation and Recovery Act》 (RCRA)
- 《Safety Drinking Water Act》 (CWA)
- 《California Proposition 65》
- 《Code of Federal Regulations》 (CFR)

In accordance with all Federal, State and Local laws.

## Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of

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the material for his particular purpose.

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Approved by:

*Liyao*

MSDS Creation Date: June 21, 2011

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