

Applicant: YIXING G AND S ENTERPRISES CO.,LTD  
Address: Room 501, Building 34, Xianghe Garden, Yixing City, Jiangsu Province

**Sample information:**

Sample name: Quartz stone

Model: /

Sample received date: March 2, 2017

Testing period: From March 2, 2017 to March 3, 2017

**Test Requested:** As specified by the client, to edit Material Safety Data Sheet (MSDS) for the submitted sample.

Shanghai Changyin Testing Technology Co.,Ltd

Approved by: \_\_\_\_\_



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# Material Safety Data Sheet (MSDS)

In accordance with GHS Rev. 6 and The EU CLP REGULATION (EC) No 1272/2008

## Section 1 - Chemical Product and Company Identification

### 1.1 Product Identification:

Product Name: Quartz stone  
Product Model: /

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Building materials  
Use advised against: No data available.

### 1.3 Details of the Manufacture or supplier

Manufacture: YIXING G AND S ENTERPRISES CO.,LTD  
Address: Room 501, Building 34, Xianghe Garden, Yixing City, Jiangsu Province  
Telephone: 86-15906152669  
Fax: 86-0510-87589038  
Email: info@gswpc.com

### 1.4 Emergency telephone number

Emergency Telephone: 86-15906152669

## Section 2 - Hazards Identification

### 2.1 Classification of the substance or mixture

This product is not classified as dangerous according to the GHS (The Globally Harmonized System of Classification and Labelling of Chemicals).

### 2.2 GHS Label elements, including precautionary statements

**Pictogram(s):** No pictogram is used.  
**Signal Word:** No signal word is used.  
**Hazard Statement:** No hazard statement.  
**Precautionary statements:** No precautionary statement.

### 2.3 Description of any hazards not otherwise classified

No additional information available. See section 11 for more detailed information on health effects and symptoms.

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### Section 3 - Composition/Information on Ingredient

Substance ( ) Preparation ( ) Article (✓)

Composition:

Chemical name	CAS No.	Content (%)
Quartz	7631-86-9	94-100

Abbreviation: CAS No. is Chemical Abstract Service Registry Number.

### Section 4 - First Aid Measures

#### 4.1 Description of first aid measures:

**Eye Contact:** Cannot be contacted by eyes, no special measures.

**Skin Contact:** Generally the product is safe for skin contact. No adverse effects anticipated. Wash off with plenty of water if necessary.

**Inhalation:** Cannot be inhaled, no special measures. If dusts exist, remove to fresh air and keep at rest in a position comfortable for breathing. Dust in throat and nasal passages should clear spontaneously. If symptoms persist, call a physician.

**Ingestion:** Ingestion is unlikely due to physical form of this product under normal conditions.

#### 4.2 Most important symptoms and effects, both acute and delayed

See section 11 for more detailed information on health effects and symptoms.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

### Section 5 - Extinguishing media

#### 5.1 Extinguishing media

**Suitable extinguishing media:** The product itself does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Such as use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### 5.2 Special hazards arising from the substance or mixture

Incombustible. No special fire hazard.

#### 5.3 Advice for firefighters

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Use self-contained breathing apparatus (SCBA) and full bunker turnout gear in a sustained fire

#### 5.4 Further information

No data available.

### Section 6 - Accidental Release Measures

For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

#### 6.1 Personal precautions, protective equipment and emergency procedures:

Not required due to physical form of this product.

#### 6.2 Environmental precautions:

No special environmental precaution measures required.

#### 6.3 Methods and materials for containment and cleaning up:

Pick up or sweep up mechanically without creating dust. No special measure required.

### Section 7 - Handling and Storage

#### 7.1 Precautions for safe handling:

As article, no special measure required for normal usage.

In production processing, Provide appropriate exhaust ventilation at places where dust is formed. Wear suitable personal protective equipment in section 8.

#### 7.2 Conditions for safe storage, including any incompatibilities:

No special storage measure required.

### Section 8 - Exposure Controls, Personal Protection

#### 8.1 Exposure Limits:

Substance	CAS No.	OSHA PEL	NIOSH REL	ACGIH
Quartz	7631-86-9	250 million particles per cubic meter(resp.) 30 mg/cm3(total) 10 mg/cm3(resp.)	Ca 0.05 (resp.)	0.025 mg/cm3(resp.) for -quartz and cristobalite

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## 8.2 Exposure controls

**Engineering Control:** Not required. There is a possibility of high particulate exposure levels when working with this product. At a minimum, local exhaust and/or general dilution ventilation should be provided as necessary to maintain exposures below regulatory and recommended limits. Dust collection systems must be used in transferring operations, cutting or machining or other dust generating processes because of anticipated dust levels. Vacuum or wet-cleanup methods should be used.

### Personal protective equipment:

**Respiratory Protection:** Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.

**Eyes Protection:** Not required under normal use.

**Body Protection:** Not required under normal use.

**Hands Protection:** Not required under normal use. In production, Suggest wear suitable protective gloves to avoid skin exposure.

**Other Protections:** Not required under normal use.

## Section 9 - Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Appearance</b>	White massive solid
<b>Odor</b>	Odorless
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Flammability</b>	Incombustible.
<b>Upper explosive limit %(V/V)</b>	Not applicable.
<b>Lower explosive limit %(V/V)</b>	Not applicable.
<b>Vapor pressure</b>	Not applicable.
<b>Vapor density</b>	Not applicable.
<b>Relative density</b>	2.6 g/cm <sup>3</sup>
<b>Solubility(ies)</b>	Insoluble in water
<b>Partition coefficient: n-octanol/water</b>	Not available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition temperature</b>	Not available.

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**Viscosity**

Not available.

## Section 10 - Stability and Reactivity

**10.1 Stability:** Stable under normal storage temperature and pressure.

**10.2 Conditions to Avoid:** None known.

**10.3 Incompatible materials:** None known.

**10.4 Hazardous Decomposition Products:** None, if handled in accordance with description.

**10.5 Possibility of hazardous reactions:** None hazardous reactions known under normal condition.

## Section 11 - Toxicological Information

**Acute Toxicity:**

No data available.

**Skin Corrosion/Irritation:**

No known irritating effect.

**Serious Eye Damage/Eye Irritation:**

No known irritating effect.

**Respiratory or Skin Sensitization**

No sensitizing effects known.

**Germ Cell Mutagenicity**

Based on available data, the classification criteria are not met.

**Carcinogenicity:**

None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA or the European Directive (67/548/EEC).

**Reproductive Toxicity:**

Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity - Single**

No known human health effects upon single exposure.

**Exposure (Globally Harmonized System):**

**Specific Target Organ Toxicity - Repeated**

No known human health effects upon repeated exposure.

**Exposure (Globally Harmonized System):**

**Aspiration Hazard:**

Based on available data, the classification criteria are not met.

**Potential Health Effects:**

**Inhalation:**

Inhaling dust may cause respiratory irritation. Long term inhalation of dust above PEL-TWA exposure limits may cause scarring of the lungs.

**Skin Contact:**

No irritating effect except possible mechanical stimulation.

**Eye Contact:**

Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

**Ingestion:**

Ingestion is unlikely under normal conditions.

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## Section 12 - Ecological Information

### 12.1 Toxicity

Nonhazardous to environment normally.

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No bioaccumulative potential

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Other adverse effects

No known ecological hazard caused by this product.

## Section 13 - Disposal Considerations

### Waste treatment methods

#### Product

Non hazardous waste. Small quantity can be disposed with household waste. As in big quantity, Recycle if possible. Offer surplus and non-recyclable products to a licensed disposal company. Observe according to the national and local related regulations.

#### Contaminated packaging

Dispose of as unused product.

## Section 14 - Transport Information

### 14.1 UN Number:

**ADR/RID, IMDG, IATA** Not regulated as dangerous goods.

### 14.2 UN proper shipping name:

**ADR/RID, IMDG, IATA** Not dangerous goods

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**14.3 Transport hazard class(es):**
**ADR/RID, IMDG, IATA** Not regulated as dangerous goods.

**14.4 Packing group:**
**ADR/RID, IMDG, IATA** Not regulated as dangerous goods.

**14.5 Environmental hazards:** No.

**14.6 Special precautions for user:** No information available.

## Section 15 - Regulatory Information

### EU Regulations

**Classification according to 67/548/EEC or 1999/45/EC**

Not classified

**Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]**

Not classified.

### US Regulations

**OSHA:**OSHA Hazard Communication Standard Status: This product is not considered to be a hazardous substance under OSHA's Federal Hazard Communication Standard 29 CFR 1910.1200.

### USA SARA

**SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components (Specific toxic chemical listings)**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**International Chemical Substances list:**

CAS No.	EINEC	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS
7631-86-9	listed	listed	listed	listed	listed	listed	listed	listed

Note:

EINECS: European Inventory of Existing Commercial Chemical Substances

TSCA: TSCA Chemical Substance Inventory

DSL: Canada Domestic Substance List

IECSC: Inventory of Existing Chemical Substances in China

NZIoC: New Zealand Inventory of Chemicals

PICCS: Philippines Inventory of Chemicals and Chemical Substances

KECI: Korea Existing Chemicals Inventory

AICS: Australian Inventory of Chemical Substances

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## Section 16 - Additional Information

### Abbreviations:

- pH- Relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline
- OSHA- Occupational Safety and Health Administration
- NTP- National Toxicology Program
- IARC- International Agency for Research on Cancer
- CAS#- Chemical Abstract Service number - used to uniquely identify chemical compounds
- ACGIH- The American Conference of Governmental Industrial Hygienists
- ADR- Agreement on Dangerous Goods by Road
- IATA - International Air Transport Association
- IMDG- International Maritime Dangerous Goods

### Further Information:

-This safety data sheet was prepared in accordance with UN GHS Rev.6, The EU CLP REGULATION (EC) No 1272/2008, and ANSI Z400.1.

-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 the material for his particular purpose.

**Department Issuing MSDS:** YIXING G AND S ENTERPRISES CO.,LTD

**Issue Date:** March 3, 2017