

SHENZHEN TENSAN CO.,LTD  
BUILDING 1, NO. 6 FENGSHENGTAI ROAD, SECONDRY INDUSTRY, LOUCUN COMMUNITY, XINHU STREET,  
GUANGMING DISTRICT, SHENZHEN

SGS Job No. : CP20-009292  
Sample Name : POTTING  
Article Number : POTTING TS8800/TS8811/TS8822/TS8833/TS8866/TS100/TS150/  
TS200/TS300TS9911/TS9922/TS9933/TS9955  
Client Reference Information : Product Nature: Silicone elastomer  
End Uses : Waterproof /Heat dissipation  
Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report  
Job Receiving Date : 19 Mar 2020  
SDS Preparation Period : 19 Mar 2020-25 Mar 2020

Service Requested : Safety Data Sheet (SDS) for the sample with submitted composition.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200, and is provided per attached.

Remark:

The SDS is prepared based on the information provided by client.

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Zm guan  
Approved Signatory



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# Safety Data Sheet

## 29 CFR 1910.1200

Printing date 03/26/2020

Version number 1

Reviewed on 03/20/2020

### 1 Identification

- **Product identifier**
- **Trade name:** **POTTING**
- **Recommended use of the chemical and restrictions on use:**
- **Application of the substance / the preparation:** Waterproof/Heat dissipation
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** SHENZHEN TENSAN CO.,LTD
- **Full address:**  
BUILDING 1, NO. 6 FENGSHENGTAI ROAD, SECONDRY INDUSTRY, LOUCUN COMMUNITY, XINHU STREET, GUANGMING DISTRICT, SHENZHEN
- **Phone number:** 0086-755-23778007
- **Email:** salesk@sztensan.com
- **Other U.S. contact point:** Not available
- **Further information obtainable from:** SHENZHEN TENSAN CO.,LTD
- **Emergency telephone number:**  
Poison Center  
Tel: +1 800 222 1222
- **Reference Number:** CANEC2003229801,CP20-009292

### 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Carc. 1A H350 May cause cancer.

- **Information concerning particular hazards for human and environment:**

The product has to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).

- **Classification system:**

The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.

- **Label elements**

- **Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**

- **Hazard pictograms**



GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

Quartz (SiO<sub>2</sub>)

- **Hazard statements**

H350 May cause cancer.

- **Precautionary statements**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P405 Store locked up.

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P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Hazards not otherwise classified (HNOC)** No further relevant information available.

### 3 Composition/information on ingredients


· **Chemical characterization: Mixtures**

· **Description:**

Mixture of the substances listed below with nonhazardous additions.

For the wording of the listed hazard statements refer to Section 16.

· **Composition:**

14808-60-7	Quartz (SiO <sub>2</sub> )	 Carc. 1A, H350	70%
471-34-1	Calcium carbonate		25%
63148-62-9	Dimethyl siloxane		5%

### 4 First-aid measures

· **Description of first aid measures**

· **General description:** No special measures required.

· **After inhalation:** Move person to fresh air and keep comfortable for breathing; consult a physician.

· **After skin contact:** Wash off with plenty of water.

· **After eye contact:**

Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

· **After swallowing:** If symptoms persist consult doctor.

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### 5 Fire-fighting measures

· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

· **Special hazards arising from the substance or mixture:** No further relevant information available.

· **Special protective equipment and precautions for firefighters**

· **Protective equipment:** No special measures required.

### 6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures:** Not required.

· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

· **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### 7 Handling and storage

· **Precautions for safe handling:**

No special measures required.

For the general occupational hygienic measures refer to Section 8.

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- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

### 8 Exposure controls/personal protection

- **Components with limit values that require monitoring at the workplace:**

#### 14808-60-7 Quartz (SiO<sub>2</sub>) (70%)

PEL (USA)	Long-term value: 0.05* mg/m <sup>3</sup> *resp. dust; 30mg/m <sup>3</sup> /%SiO <sub>2</sub> +2
REL (USA)	Long-term value: 0.05* mg/m <sup>3</sup> *respirable dust; See Pocket Guide App. A
TLV (USA)	Long-term value: 0.025* mg/m <sup>3</sup> *as respirable fraction

#### 471-34-1 Calcium carbonate (25%)

PEL (USA)	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV (USA)	TLV withdrawn

- **Regulatory information**

PEL (USA): Guide to Occupational Exposure Values (OSHA PELs)

REL (USA): Guide to Occupational Exposure Values (NIOSH RELs)

TLV (USA): Guide to Occupational Exposure Values (ACGIH)

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.**
- **Appropriate engineering controls:** See Section 7 for information about design of technical facilities.
- **Personal protective equipment:**
- **Breathing equipment:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· **Eye protection:** Goggles recommended during refilling.

### 9 Physical and chemical properties

#### · General Information

##### · Appearance:

Form:	Liquid
Color:	Grey
Odor:	Odourless
Odor threshold:	Not available

· **pH-value:** Not available

#### · Change in condition

Melting point/Freezing point:	Not available
Initial boiling point and boiling range:	>35 °C (>95 °F)

· **Flash point:** >101.1 °C (>214 °F) (Closed cup)· **Flammability (solid, gaseous):** Not available· **Auto-Ignition temperature:** Not available· **Decomposition temperature:** Not available

#### · Explosion limits:

Lower:	Not available
Upper:	Not available

· **Vapor pressure:** Not available· **Density:** Not available· **Relative density:** 1.61· **Vapor density:** Not available· **Evaporation rate:** Not available

#### · Solubility in / Miscibility with

Water: Not available

· **Partition coefficient (n-octanol/water):** Not available

#### · Viscosity:

Dynamic:	Not available
Kinematic:	Not available

· **Other information** No further relevant information available.

### 10 Stability and reactivity

· **Reactivity:** Not classified as a reactivity hazard· **Chemical stability:** Stable under normal conditions· **Possibility of hazardous reactions:** Can react with strong oxidizing agents· **Conditions to avoid:** No further relevant information available.· **Incompatible materials:** No further relevant information available.· **Hazardous decomposition products:** No dangerous decomposition products known.

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### 11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

**471-34-1 Calcium carbonate**

Oral	LD50	6,450 mg/kg (rat)
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- **Skin corrosion/irritation:** Irritating effect possible.
- **Serious eye damage/irritation:** Irritating effect possible.
- **Respiratory or skin sensitization:**  
Sensitization possible.

- **Additional toxicological information:**

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

14808-60-7	Quartz (SiO <sub>2</sub> )	I
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- **NTP (National Toxicology Program)**

14808-60-7	Quartz (SiO <sub>2</sub> )	K
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- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

· <b>UN-Number</b>	
· <b>DOT, IMDG, IATA</b>	Not applicable

· <b>UN proper shipping name</b>	
· <b>DOT, IMDG, IATA</b>	Not applicable

· <b>Transport hazard class(es)</b>	
· <b>DOT, IMDG, IATA</b>	
· <b>Class</b>	Not applicable
· <b>Label</b>	-

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- |  |                |
|--|----------------|
| <b>· Packing group</b>   |                |
| <b>· DOT, IMDG, IATA</b>   | Not applicable |
| <b>· Environmental hazards:</b>  |                |
| <b>· Marine pollutant:</b>   | No             |
| <b>· Special precautions for user</b>  | Not applicable |
| <b>· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable |
| <b>· UN "Model Regulation":</b>  | Void           |

### 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture

- Sara

- **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

All components have the value ACTIVE.

- **Proposition 65**

- **Chemicals known to cause cancer:**

14808-60-7 Quartz (SiO<sub>2</sub>)

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **New Jersey Right-to-Know List:**

14808-60-7 Quartz (SiO<sub>2</sub>)

- **New Jersey Special Hazardous Substance List:**

14808-60-7 Quartz (SiO<sub>2</sub>)

CA

- **Pennsylvania Right-to-Know List:**

14808-60-7 Quartz (SiO<sub>2</sub>)

- **Pennsylvania Special Hazardous Substance List:**

None of the ingredients is listed.

- **Carcinogenicity categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

14808-60-7 Quartz (SiO<sub>2</sub>)

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· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

14808-60-7 Quartz (SiO<sub>2</sub>)

### 16 Other information

· **Relevant hazard statements**

H350 May cause cancer.

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The contents and format of this SDS are in accordance with 29 CFR 1910.1200.

**DISCLAIMER OF LIABILITY**

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

· **Date of preparation / last revision** 03/26/2020 / -

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

Carc. 1A: Carcinogenicity – Category 1A

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