

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Condensation cure silicone rubber Part A/B

Version 1.0

Issue date: 19/03/2018

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SDS Record Number: CSSS-TCO-010-127008

Section 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Identification on the label/Trade name: Condensation cure silicone rubber Part A/B

Additional identification: Not available

Identification of the product: See section 3

Index Number: Not available

REACH registration No.: Not available

1.2 Relevant identified uses of the substance and uses advised against:

1.2.1 Identified uses:

Mould.

1.2.2 Uses advised against:

Not available.

1.3 Details of the supplier of the safety data sheet:

Supplier(Only representative): -

Supplier(Manufacturer): Shenzhen Hong Ye Jie Technology Co.,LTD

Address: BuildingA, No.3, Hongling First Road, Liulian Shibi, Pingdi Street, Longgang, Shenzhen, Guangdong, China.

Contact person(E-mail): 2355542599@qq.com

Telephone: +86-18938861891

Fax: +86-755-89948055

1.4 Emergency telephone Number:

+86-18938861891

Available outside office hours? YES NO

Section 2 Hazards Identification

2.1 Classification of the substance/mixture:

2.1.1 Classification:

The mixture is classified as following according to REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard codes
N/A	N/A

For full text of H- phrases: see section 2.2.

2.2 label elements:

Hazard Pictograms: No hazard pictogram is used.

Signal Word(S): No signal word is used.

Hazard Statement: Not applicable.

Precautionary statement: Not applicable.

2.3 Other hazards:

Not available.

Section 3 Composition/information on ingredients

Substance/Mixture: Mixture

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration	Classification
Dimethicone	N/A	9006-65-9	N/A	11%	Not Classified
Silicon dioxide	N/A	112926-00-8	231-545-4	29%	Not Classified
Dimethylpolysiloxane	N/A	63148-60-7	N/A	59%	Not Classified
Silicic acid, ethyl ester	N/A	11099-06-2	234-324-0	1%	H226 H319

Section 4 First aid measures

4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration, if breathing is difficult, give oxygen.

4.1.2 In case of skin contact:

Wash off with soap and plenty of water. Consult a physician.

4.1.3 In case of eyes contact:

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

4.1.4 In case of ingestion:

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The product is not classified as harmful to human health effect.

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

If skin irritation or rash occurs, get medical advice/attention.

Section 5 Fire-Fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Use extinguishing agents suitable for the surrounding environment.

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

Emits toxic fumes under fire conditions.

5.3 Advice for firefighters:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel: Provide adequate ventilation. Avoid breathing vapors, mist or gas. Evacuate personnel to safe areas. Refer to section 8 of SDS for personal protection details.

6.1.2 For emergency responders: Wear an appropriate NIOSH/MSHA approved respirator if vapor is generated.

6.2 Environmental Precautions:

Do not allow material to be released to the environment without proper governmental permits.

6.3 Methods for Containment and Cleaning

Soak up with inert absorbent material and dispose of as hazardous waste. Keep

up:	in suitable, closed containers for disposal.
6.4 Reference to other sections:	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for information on disposal.

Section 7 Handling and storage

7.1 Precautions for safe handling:

7.1.1 Protective measures: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection.

7.1.2 Advice on general occupational hygiene: Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s):

Not applicable.

Section 8 Exposure Controls/Personal Protection

8.1 Control parameters:

8.1.1 Occupational exposure limits: Silicon dioxide (CAS#112926-00-8): Limit value in mg / m³: 10(Belgium)

8.1.2 Additional exposure limits under the conditions of use: Not available.

8.1.3 DNEL/DMEL and PNEC-Values: Not available.

8.2 Exposure controls:

8.2.1 Appropriate engineering controls: Use adequate ventilation to keep airborne concentrations low.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection: Chemical safety goggles.

Hand protection: Wear appropriate protective gloves to prevent skin exposure.

Body protection: Wear appropriate protective clothing to prevent skin exposure.

Respiratory protection: Government approved respirator.

Thermal hazards: Wear suitable protective clothing to prevent heat.

8.2.3 Environmental exposure controls: Avoid discharge into the environment.

According to local regulations, Federal and official regulations.

Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:	Liquid
Colour:	White/transparent/red/yellow/blue/violet/black/orange/blue/green
Odour:	Slightly
Odour threshold:	Not available
pH:	>= 3.7 - <= 4.7(25 °C, >= 40 g/L) (CAS#112926-00-8)
Melting point/range (°C):	1 713 °C(CAS#112926-00-8)
Boiling point/range (°C):	Not available
Flash point (°C):	Not available
Evaporation rate:	Not available
Flammability limit - lower (%):	Not available
Flammability (solid, gas):	Not available
Ignition temperature (°C):	Not available
Upper/lower flammability/explosive limits:	Not available
Vapour pressure (25°C):	0 Pa (CAS#112926-00-8)
Vapour density:	Not available
Density:	ca. 2.2 g/cm ³ (20 °C) (CAS#112926-00-8)

Bulk density (kg/m³):	Not available
Water solubility (g/l):	Not available
n-Octanol/Water (log Po/w):	log Pow= 0.53(25 °C)(CAS#112926-00-8)
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity, dynamic (mPa.s):	Not available
Explosive properties:	Not available
Oxidising properties:	Not available
Molecular Formula:	Not available
Molecular Weight:	Not available

9.2. Other information:

Fat solubility(solvent– oil to be specified) etc:	Not available
Surface tension:	Not available
Dissociation constant in water(pKa):	6(40 °C) (CAS#112926-00-8)
Oxidation-reduction Potential:	Not available

Section 10 Stability and reactivity

10.1 Reactivity:	The substance is stable under normal storage and handling conditions.
10.2 Chemical stability:	Stable at room temperature in closed containers under normal storage and handling conditions.
10.3 Possibility of hazardous reactions:	No dangerous reactions known.
10.4 Conditions to avoid:	Incompatible materials.
10.5 Incompatible materials:	Strong oxidants.
10.6 Hazardous decomposition products:	Not available.

Section 11 Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:

Silicon dioxide (CAS#112926-00-8)

LD50(Oral, Rat):	> 5 000 mg/kg bw
LD50(Dermal, Rabbit):	> 5 000 mg/kg bw
LC50(Inhalation, Rat):	> 0.14 mg/L air (analytical) 4h

Skin corrosion/Irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT- single exposure:	Not classified
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified

Section 12 Ecological information

12.1 Toxicity:

Silicon dioxide (CAS#112926-00-8)

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A

EL50	> 1 000 mg/L	24h	Daphnia	OECD 202	N/A	N/A
EL50	> 10 000 mg/L	72h	Algae	OECD 201	N/A	N/A

- 12.2 Persistence and degradability:** Not available.
- 12.3 Bioaccumulative potential:** Not available.
- 12.4 Mobility in soil:** Not available.
- 12.5 Results of PBT&vPvB assessment:** Not available.
- 12.6 Other adverse effects:** Not available.

Section 13 Disposal considerations

- 13.1 Waste treatment methods:** The material should be disposed of by incineration in a chemical incinerator in compliance with national and regional requirements.

Section 14 Transport information

	Land transport(ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN-Number	Not regulated	Not regulated	Not regulated
UN Proper shipping name	Not regulated	Not regulated	Not regulated
Transport hazard Class	Not regulated	Not regulated	Not regulated
Packaging group	Not regulated	Not regulated	Not regulated
Environmental hazards	No	No	No
Special precautions for user	See section 2.2	See section 2.2	See section 2.2
Transport in bulk according to Annex II of Marpol and the IBC Code	Not regulated	Not regulated	Not regulated

Section 15 Regulation information

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

- Relevant information regarding authorization:** Not applicable.
- Relevant information regarding restriction:** Not applicable.
- Other EU regulations:** Employment restrictions concerning young person must be observed.
For use only by technically qualified individuals.
- Other National regulations:** Not applicable

15.2 Chemical Safety Assessment has been carried out? YES NO

Section 16 Other information

16.1 Indication of changes:

Version 1.0 Amended by (EU) 2015/830

16.2 Training instructions:

Not applicable.

16.3 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

16.4 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This

information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

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