









**9.2.1. Information with regard to physical hazard classes**

No information available.

**9.2.2. Other safety characteristics**

No information available.

**10. STABILITY AND REACTIVITY****10.1 Reactive**

None.

**10.2 Chemical stability**

Stable.

**10.3 Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

**10.4 Conditions to avoid**

None.

**10.5 Incompatible materials**

Strong oxidizing material can cause a reaction.

**10.6 Hazardous decomposition products**

Silicone dioxide, Carbon oxides and traces of incompletely burned carbon

**11. TOXICOLOGICAL INFORMATION****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Component	Oral	Dermal	Inhalation
DECAMETHYLTETRASILOXANE	-	-	-

**Carcinogenicity**

Component	IARC	NTP
DECAMETHYLTETRASILOXANE	-	-

**Other**

Endpoint	Component	Toxicological Information
<b>Skin corrosion/irritation</b>	DECAMETHYLTETRASILOXANE	No skin irritation.
<b>Serious eye damage/irritation</b>	DECAMETHYLTETRASILOXANE	No information available.
<b>Skin sensitisation</b>	DECAMETHYLTETRASILOXANE	No skin sensitization.
<b>Respiratory sensitization</b>	DECAMETHYLTETRASILOXANE	No sensitization.
<b>Reproductive toxicity</b>	DECAMETHYLTETRASILOXANE	No information available.
<b>STOT-single exposure</b>	DECAMETHYLTETRASILOXANE	No information available.
<b>STOT-repeated exposure</b>	DECAMETHYLTETRASILOXANE	No information available.
<b>Aspiration hazard</b>	DECAMETHYLTETRASILOXANE	No information available.
<b>Germ cell mutagenicity</b>	DECAMETHYLTETRASILOXANE	No information available.

**11.2 Information on other hazards**

No information available.

**12. ECOLOGICAL INFORMATION****12.1 Toxicity**

Component	Fish	Aquatic invertebrates	Aquatic algae and cyanobacteria
DECAMETHYLTETRASILOXANE	-	-	-

**12.2 Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential**

No bioaccumulation potential.

**12.4 Mobility in soil**

No information available

**12.5 Results of PBT and vPvB assessment**

No information available.

**12.6 Endocrine disrupting properties**

No information available.

**12.7 Other adverse effects**

No information available.

**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Product: Dispose of in accordance with local regulations.

Contaminated packaging: Dispose of in accordance with local regulations

**14. TRANSPORT INFORMATION**

<b>Transport pictograph</b>	No information available
<b>Transport</b>	<b>Classification</b>
<b>Land transport (ADR/RID)</b>	
<b>UN Number</b>	Not classified as dangerous goods
<b>UN proper shipping name</b>	No information available
<b>Transport hazard class(es)</b>	No information available
<b>Packing group</b>	No information available
<b>Classification code</b>	No information available
<b>Marine transport (IMDG)</b>	
<b>UN Number</b>	Not classified as dangerous goods
<b>UN proper shipping name</b>	No information available
<b>Transport hazard class(es)</b>	No information available

<b>Packing group</b>	No information available
<b>EMS No.</b>	No information available
<b>Remarks</b>	No information available
<b>Air transport (ICAO/IATA)</b>	
<b>UN Number</b>	Not classified as dangerous goods
<b>UN proper shipping name</b>	No information available
<b>Transport hazard class(es)</b>	No information available
<b>Packing group</b>	No information available
<b>Classification code</b>	No information available
<b>Environmental hazards</b>	No information available
<b>Special precautions for user</b>	No information available

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture International Chemical Inventory

Component	EINECS	TSCA	DSL/N DSL	IECSC	NZIoC	PICCS	KECI	AICS
DECAMETHYLTETRASILOXANE	-	-	-	-	-	-	-	-

### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

#### Note

<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances.
<b>TSCA</b>	United States Toxic Substances Control Act Inventory.
<b>DSL/NDSL</b>	Canadian Domestic/Non-domestic Substances List.
<b>IECSC</b>	Inventory of Existing Chemical Substances in China
<b>NZIoC</b>	New Zealand Inventory of Chemicals.
<b>PICCS</b>	Philippines Inventory of Chemicals and Chemical Substances.
<b>KECI</b>	Korea Existing Chemicals Inventory
<b>AICS</b>	Australia Inventory of Chemical Substances.

## 16. OTHER INFORMATION

<b>Issued By</b>	Qingdao Hengda New Material Technology Co., Ltd.
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<b>Reason for modification</b>	-

### REFERENCE

- [1] IPCS - The International Chemical Safety Cards (ICSC),  
website: <http://www.ilo.org/dyn/icsc/showcard.home>
- [2] HSDB - Hazardous Substances Data Bank, website: <https://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm>
- [3] IARC - International Agency for Research on Cancer, website: <http://www.iarc.fr/>
- [4] eChemPortal - The Global Portal to Information on Chemical Substances by OECD, website:  
<https://www.echemportal.org/echemportal/substance-search>
- [5] CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>
- [6] US National Institutes of Health: Pubchem, website: <https://pubchem.ncbi.nlm.nih.gov/>

- [7] ChemIDplus, website: <https://www.nlm.nih.gov/databases/download/chemidplus.html>  
[8] ERG - Emergency Response Guidebook by U.S. Department of Transportation, website: <http://www.phmsa.dot.gov/hazmat/library/erg>  
[9] Germany GESTIS-database on hazard substance, website: <https://gestis-database.dguv.de/>  
[10] ECHA - European Chemicals Agency, website: <https://echa.europa.eu/>

#### ABBREVIATIONS AND ACRONYMS

CAS: Chemical Abstracts Service  
ADR: Agreement concerning the International Carriage of Dangerous Goods by Road  
RID: Regulation concerning the International Carriage of Dangerous Goods by Rail  
IMDG: International Maritime Dangerous Goods  
IATA: International Air Transportation Association  
TWA: Time Weighted Average  
STEL: Short term exposure limit  
LC<sub>50</sub>: Lethal Concentration 50%  
LD<sub>50</sub>: Lethal Dose 50%  
EC<sub>50</sub>: Effective Concentration 50%

#### STATEMENT

This safety technical specification (SDS) is prepared according to Regulation (EC) No 1907/2006 and Regulation (EU) No 2020/878. The data collected are from authoritative international databases and provided by enterprises themselves. Other information is based on our current state of knowledge. We try to make sure all the information is correct. However, due to the diversity of information sources and the limitations of our knowledge, this document is for user reference only. Users should make independent judgments about the suitability of this information for their specific purposes. We are not liable for any loss, damage or expense arising from or in connection with the handling, storage, use or disposal of the Products.

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