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

Product identifier

Product Name: OH Polymer
Cat No: -107-80000cst
Synonyms: Silanol-terminated polydimethylsiloxane
CAS No: 70131-67-8
EC No: 615-070-3
Molecular Formula: HO-Si(CH3)2O[Si(CH3)2O]nSi(CH3)2-OH
REACH Registration Number: 01-2119529238-36-****

Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses: Please consult the manufacturer.
Uses are advised against: Please consult the manufacturer.

Details of the supplier of the Safety Data Sheet

Supplier: BosTech Polymer LLC.FZ
Address: Office 332, European Business Centre, Dubai Investment Park 1, Dubai, United Arab Emirates
Telephone: +971 54 2943817
E-mail : info@bostechpolymer.com

2: Hazards identification

CLP classification according to Regulation （EC） No. 1272/2008: Not classified
Adverse physicochemical, human health, and environmental effects: To our knowledge, this product poses no particular risk, provided it is handled in accordance with good occupational hygiene and safety practices.
Label elements: Labelling according to Regulation (EC) No. 1272/2008 [CLP] No labelling applicable
Other hazards: No additional information available

3: Component

Component	CAS No.	EC No.	Index No.	Hazard Classification (CLP)	Concentration (wt%)
Silanol Terminated Polydimethylsiloxane	70131-67-8	615-070-3	–	Not classified	≥97

4: First aid measures

Description of first aid measures

General advice: If symptoms persist, call a physician.
Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15minutes. Get medical attention.
Skin contact: Wash off promptly and flush contaminated skin with water. Promptly remove clothing if it is soaked through and flush the skin with water. Wash contaminated clothing before reuse. Get medical attention.
Ingestion: If conscious, drink plenty of water. Do not induce vomiting. Call a physician or the Poison Control Center immediately.
Inhalation: Move the exposed person to fresh air at once. For respiratory problems, use artificial respiration and oxygen. Call a physician or the Poison Control Center immediately.
Protecting first responders: Ensure that medical personnel are aware of the substances involved. Take precautions to protect themselves and prevent the spread of contamination.

Most important symptoms and effects, both acute and delayed.
Symptoms/effects: No information available.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

5: Firefighting measures

Extinguishing media
Suitable extinguishing media: Dry powder. Foam. Carbon dioxide (CO2).
Unsuitable extinguishing media: No information available.

Specific hazards arising from the substance or mixture:
Hazardous decomposition products in case of fire: Toxic fumes may be released.

Advice for firefighters:
Protection during firefighting: Do not attempt to take action without suitable protective equipment.Self-contained breathing apparatus. Complete protective clothing.

6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel
Emergency procedures: Ventilate the area where the spill occurred. Avoid contact with skin and clothing. Avoid contact with liquid and vapors. Use personal protective equipment.

For emergency responders
Protective equipment: Do not attempt to take action without suitable protective equipment. For further information, refer to section 8: Exposure controls/personal protection

Environmental precautions: Avoid release to the environment. Prevent runoff from entering drains, sewers, or streams.

Methods and materials for containment and cleaning up:

Methods for cleaning up: Absorb the remaining liquid with sand or an inert absorbent and remove it to a safe place. Shovel up and place in a container for salvage or disposal.
Other information: Dispose of materials or solid residues at an authorized site.

Reference to other sections: For further information refer to section 13.

7: Handling and storage

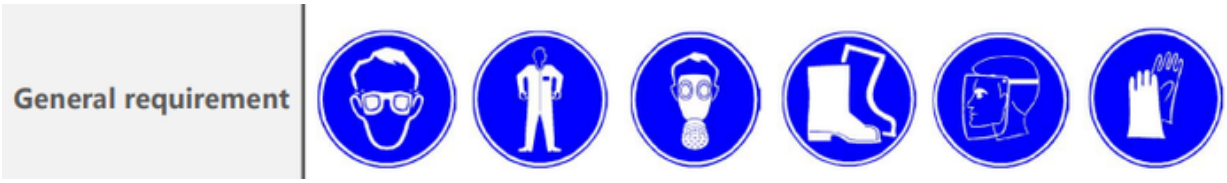
Precautions for safe handling

Precautions for safe handling: Ensure good ventilation at the workstation. Wear personal protective equipment. Keep away from sources of ignition and refrain from smoking.
Hygiene measures: Do not eat, drink, or smoke when using this product. Always wash your hands after handling the product.

Conditions for safe storage, including any incompatibilities
Storage conditions: Store in a well-ventilated place. Keep cool. Protect against moisture.
Specific end use (s): No information available.

8: Exposure controls/personal protection

Control parameters: No additional information available
Engineering controls: Ensure good ventilation at the workstation.
Environmental exposure controls: Avoid release to the environment. Prevent material from entering surface waters and soil.
Personal protection equipment:



Eye protection: Safety glasses
Hand protection: Protective gloves, rubber gloves.
Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment
Skin and body protection: Wear suitable protective clothing

9: Physical and chemical properties

Physical and chemical properties

Physical state: liquid
Colour: Clear.
Odour: Mild menthol-like aroma.
Odour threshold: No data available
pH: No data available
pH solution: No data available
Relative evaporation rate (butylacetate=1): No data available
Relative evaporation rate (ether=1): No data available
Melting point: No data available
Freezing point: No data available
Boiling point: > 205°C
Flash point: 205 °C
Critical temperature: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapour pressure: No data available
Vapour pressure at 50 °:C: No data available
Critical pressure: No data available
Relative vapour density at 20 °C: No data available
Relative density: No data available
Relative density of saturated gas/air mixture: No data available
Density: No data available
Relative gas density: No data available
Solubility: Insoluble in water.
Log Pow: No data available
Log Kow: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: 72000-88000
Explosive properties: No data available.
Oxidising properties: No data available.
Explosive limits: No data available
Lower explosive limit (LEL): No data available
Upper explosive limit (UEL): No data available
Thermal decomposition: No decomposition if stored and applied as directed.
Other information: No additional information available

10: Stability and reactivity

Reactivity: The product is non-reactive under normal conditions of use, storage, and transport.
Chemical stability: Stable under normal conditions.
Possibility of hazardous reactions: Hazardous polymerisation does not occur. No dangerous reactions are expected if used as recommended.
Conditions to avoid: Avoid contact with Alkaline Substances. Oxidizing agents.
Incompatible materials: Acid. Oxidizing materials. Water Peroxides.
Hazardous decomposition products: Carbon oxides, Oxides ofsilicon.

11. Toxicological information

Information on toxicological effects
Acute toxicity (oral): Not classified
Acute toxicity (dermal): Not classified
Acute toxicity (inhalation): Not classified

Silanol-terminated polydimethylsiloxane (70131-67-8)
LD50 oral rat >15400 mg/kg
LD50 dermal rabbit >16 ml/kg
LC50 inhalation rat (mg/l) >8750 mg/m³ (Exposure time: 7 h)

Others:
Skin corrosion/irritation: Not classified.
pH: No data available
No skin irritation

Serious eye damage/irritation: Not classified.
pH: No data available
No eye irritation

Respiratory or skin sensitisation: Not classified. Negative
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

12: Ecological information

Toxicity

Ecology - General: The product is not considered harmful to aquatic organisms and does not pose long-term adverse environmental effects.
Acute aquatic toxicity: Not classified
Chronic aquatic toxicity: Not classified

Persistence and degradability: No information available.

Bioaccumulative potential
Log Pow: No data available
Log Kow: No data available
Bioaccumulative potential: No information available.

Mobility in soil
Ecology - soil: No information available.

Results of PBT and vPvB assessment: No additional information available

13. Disposal considerations

Waste treatment methods:

Dispose of contents/container in accordance with licensed collector's sorting instructions.

14: Transport information

Label and Mark

Transporting Label: Not applicable
I**MDG-CODE IMDG-CODE:** NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS | ICAO/IATA-DGR
ICAO/IATA-DGR: NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
UN-ADR UN-ADR: NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

15: Regulatory information

International chemical inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS	ENCS
	√	√	×	√	√	√	√	√	√

【EINECS】European Inventory of Existing Commercial Chemical Substances
【TSCA】United States Toxic Substances Control Act Inventory
【DSL】Canadian Domestic Substances List
【IECSC】China Inventory of Existing Chemical Substances
【NZIoC】New Zealand Inventory of Chemicals
【PICCS Philippines Inventory of Chemicals and Chemical Substances
【KECI】 Existing and Evaluated Chemical Substances
【AICS】Australia Inventory of Chemical Substances
【ENCS】Existing and New Chemical Substances

European Chemical Inventory

Component	A	B	C	D	E	F	G
Silanol terminated polydimethylsiloxane	×	×	×	√	√	×	×

【A】 Candidate list of Substances of Very High Concern for authorization under EU REACh regulation
【B】 Substances requiring authorisation under EU REACh regulation
【C】 Substances restricted under EU REACh
【D】 Pre-registered substances under EU REACh
【E】 Registered substances under EU REACh
【F】 Substance Evaluation – CoRAP under EU REACh
【G】 List of priority substances under EU water policy (Directive 2455/2001/EC)

Note "√" Indicates that the substance included in the regulations "×" That no data or included in the regulations

+971 54 2943817
info@bostechpolymer.com
https://bostechpolymer.com/