

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Version 9.0 Revision Date 15.02.2017

Section 1 - Identification of the material and supplier

1.1 Product identifier

Product name Poly(ethoxysiloxane)
Product Number CG-T40
CAS No. 68412-37-3

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

Industrial.
Intermediate chemical

1.3 Details of the supplier of the safety data sheet

Manufacturer: Qufu Chenguang Chemical Co.,Ltd
Address: Xizou county, Qufu, Shandong, 273100, China
Telephone: +86 537 4631088
Fax: +86 537 4631369
E-Mail: sales@silanechem.com

1.4 Emergency telephone number

Emergency response service: +86 537 4631088

Section 2 - Hazards identification

Emergency Overview

WHMIS Classification

Not WHMIS controlled.

Not a dangerous substance according to GHS

HMIS Classification

Health hazard: 0

Flammability: 1

Physical hazards: 0

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.
Skin May be harmful if absorbed through skin. May cause skin irritation.
Eyes May cause eye irritation.
Ingestion May be harmful if swallowed

Section 3 - Composition/information on ingredients

3.1 Substances

Synonyms: poly (ethoxysiloxane)

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Component	Concentration
Poly(ethoxysiloxane)	
CAS-No. 68412-37-3	-

3.2 Mixtures

Synonyms:	Poly(Tetraethoxysilane)	Tetraethoxysilane	Ethanol
Molecular Weight	NA	208.33 g/mol	46.07 g/mol
CAS No.	11099-06-2	78-10-4	64-17-5
Concentration	>95%	<4%	<1%

Section 4 -First-aid measures

4.1 Description of first aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Rinse thoroughly with plenty of water.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Rinse mouth with water.

Section 5 - Firefighting Measures

5.1 Extinguishing media Suitable

extinguishing media

Water spray, alcohol-resistant foam, dry chemical or carbon dioxide

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Section 6 - Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas.

6.2 Environmental precautions

Do not let product enter drains or rivers .

6.3 Methods and materials for containment and cleaning up

Mix with sand or vermiculite

Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

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Section 7 - Handling and Storage

7.1 Precautions for safe handling

Normal measures for preventive fire protection

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end uses

no data available

Section 8 - Exposure Controls / Personal Protection

8.1 Control parameters

No Data Available

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal Technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Impervious clothing, The type of protective equipment must be Selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection..

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9 - Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Colorless transparent liquid
Odour	no data available
Odour Threshold	no data available
pH	no data available
Melting point/freezing	no data available

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Initial boiling point and boiling range	no data available
Flash point	204°C(closed up)
Evaporation rate	no data available
Flammability (solid, gas) Upper/lower flammability or explosive limits	no data available
Vapour pressure	no data available
Vapour density	no data available
Relative density	1.06 g/cm ³ at 25 °C
Water solubility	Insoluble in water
Partition coefficient: octanol/water	no data available
Autoignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available

9.2 Other safety information

No additional information available

Section 10 - Stability and Reactivity

10.1 Reactivity

No unusual reactivity

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

Strong acids, Strong bases, Strong oxidizing agents

10.5 Incompatible materials

Strong oxidizing agents,

10.6 Hazardous decomposition products

In combustion emits toxic fumes.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

Skin corrosion/irritation

no data available

Serious eye damage/eye

irritation no data available

Respiratory or skin

sensitization no data available

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Germ cell mutagenicity

no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target orgtoxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion	May be harmful if swallowed.
Skin	May be harmful if absorbed through skin. May Cause skin irritation.
Eyes	May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

Section 12 - Ecological Information**12.1 Toxicity**

no data available

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

no data available

Section 13 - Disposal Considerations**Qufu Chenguang Chemical Co., Ltd**

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13.1 Waste treatment methods Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

Section 14 - Transport Information**14.1 UN number**

ADR/RID: -

IMDG: -

IATA: -

14.2 UN proper shipping name

ADR/RID: not dangerous goods

IMDG: not dangerous goods

IATA: not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

14.4 Packaging group

ADR/RID: -

IMDG: -

IATA: -

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

no data available

Section 15 - Regulatory Information**WHMIS Classification**

Not WHMIS controlled.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations

Section 16 - Other Information**Further information:**

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

- End of Safety Data Sheet