
1. Chemical Product and Company Identification

Product name	Elite Sil CN58
Product description	Silicone for water repellent
Company	Organic Wealth (Thailand) Co.,Ltd. 212/61 Moo 3 Prekasamai, Muangsamuthprakarn, Samuthprakarn 10280 Thailand. Tel/Fax :+66 (0) 2-183-8709
Emergency call	+66(0)21838709

2. Composition / Information on ingredients

Silicone for surface treatment

Substance	CAS NO.	Nr.Wt%
Dimethyl siloxane, polymer, (((3-((2-aminoethyl)amino) propyl)-dimethoxysilyl)oxy)-terminated	71750-80-6	≥ 50

3. Hazards identification

CLP classification according to Regulation (EC) No. 1272/2008

According to Regulation (EC) No 1272/2008 and its amendments. Not classified as a dangerous substance.

Signal word Warning

Hazard statements Causes skin irritation.
Causes serious eye irritation.
Harmful to aquatic life.

Precautionary statements:

Prevention Avoid release to the environment.

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

Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

	lenses, if present and easy to do. Continue rinsing.
	If skin irritation occurs: Get medical advice/attention.
	If eye irritation persists: Get medical advice/attention.
Storage	Not applicable.
Disposal	Dispose of contents/container in accordance with local regulations.
Supplemental Hazard information (EU)	
	Not applicable
Other hazards	Not applicable

4. First aid measures

General information	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
Skin contact	Take off contaminated clothing and shoes immediately. Wash off with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
Inhalation	Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.
Protecting of first-aiders	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

Most important symptoms and effects, both acute and delayed

1. Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure.

Indication of any immediate medical attention and special treatment needed

1. Treat symptomatically.
2. Symptoms may be delayed.

5. Firefighting measures

Extinguishing media

Suitable extinguishing media	Use extinguishing media suitable for surrounding area: Water spray or fog, Foam, Dry chemical powder, BCF (where regulations permit), Carbon dioxide
Unsuitable extinguishing media	There is no restriction on the type of extinguisher which may be used.

Specific hazards arising from the substance or mixture

1. Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result..

Advice for firefighters

1. As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
2. Fight fire from a safe distance, with adequate cover.
3. Prevent fire extinguishing water from contaminating surface water or the ground water system.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

1. Avoid breathing vapours and contacting with skin and eye.
2. Beware of vapours accumulating to form explosive concentrations.
3. Vapours can accumulate in low areas.
4. Emergency personnel wear positive pressure self-contained breathing apparatus. Wear protective and anti-static clothing. Wear chemical impermeable gloves.
5. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
6. Use personal protective equipment. Avoid breathing vapours, mist, gas or dust.

Environmental precautions

1. Prevent further leakage or spillage if safe to do so.
2. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

1. Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
2. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.
3. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

7. Handling and storage

Precautions for handling

- | | |
|---|--|
| Protective measures: | <ol style="list-style-type: none">1. Handling is performed in a well ventilated place.2. Wear suitable protective equipment.3. Avoid contact with skin and eyes. |
| Measures to prevent fire: | <ol style="list-style-type: none">1. Keep away from heat/sparks/open flames/ hot surfaces. |
| Measures to prevent aerosol and dust generation | Not applicable. |
| Advice on general occupational hygiene | |

1. Wash hands and face after using of the substances.
2. Replace the contaminated clothing immediately.

Conditions for safe storage, including any incompatibilities

1. Keep containers tightly closed .
2. Keep containers in a dry, cool and well-ventilated place.
3. Keep away from heat/sparks/open flames/hot surfaces.
4. Store away from incompatible materials and foodstuff containers.

Specific end uses

1. In addition to use mentioned in the first parts, unforeseen other specific end uses.

8.Exposure control / Personal protection equipment

Occupational Exposure

limit values No information available

Biological limit values No information available

Monitoring methods

1. EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
2. GBZ/T 160.1~GBZ/T 160.81-2004 Determination of toxic substances in workplace air (Series standard)

Derived No effect level (DNEL)

Dimethylsiloxane,polymer, (((3-((2-aminoethyl)amino)propyl)-dimeth oxysilyl)oxy)-ter minated

For workers

Acute effects (local)	Acute effects (systemic)	Long-term systemic effects	Long-term local effects
No data available	No data available	No data available	No data available

Predicted No Effect

Concentration (PNEC) No information available

- Engineering controls**
1. Ensure adequate ventilation, especially in confined areas.
 2. Ensure that eyewash stations and safety showers are close to the workstation location.
 3. Use explosion-proof electrical/ventilating/lighting/equipment.
 4. Set up emergency exit and necessary risk-elimination area.

Personal protection equipment

Eye protection	Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US).
Hand protection	Wear protective gloves such as butyl rubber, passing the tests according to EN 374(EU), US F739 or AS/NZS 2161.1 standard.
Respiratory protection	If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.
Skin and body protection	Wear fire/flame resistant/retardant clothing and antistatic boots.

9. Physical and chemical properties

Appearance	: Solution
Active content	: > 50%
Melting point/freezing point (°C)	: No information available
Initial boiling point and boiling range (°C)	: > 190
Odor	: Slight odor
Relative density (Water=1)	: 055 g/cm ³ at 25 (°C)
Vapors pressure	: < 50hPa
Vapors density	: No information available
Kinematic viscosity (mm ² /s)	: No information available
pH	: No information available
Solubility	: No information available
Flash point (°C)	: > 100
Flammability (explosive) limit	: No information available
Auto ignition temperature	: > 280

10. Stability and reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical stability	Stable under proper operation and storage conditions.
Possibility of hazardous reactions	In contact with oxidants causes severe reactions, and may cause a fire or explosion.
Conditions to avoid	Incompatible materials, heat, flame and spark.
Incompatible materials	Oxidants, alkali metals, alkaline earth metals and aluminum.
Hazardous	

decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicolog

Acute toxicity	No information available
Carcinogenicity	
Dimethyl siloxane, polymer, (((3-((2-aminoethyl)amino)propyl) -dimethoxysilyl)oxy)-terminat	Not listed in IARC and NTP
Others	
Silicne for water repellent	
Skin corrosion/irritation	No information available
Serious eye damage/irritation	No information available
Skin sensitization	No information available
Respiratory sensitization	No information available
Reproductive toxicity	No information available
STOT-single exposure	No information available
STOT-repeated exposure	No information available
Aspiration hazard	No information available
Germ cell mutagenicity	No information available
Reproductive toxicity (additional)	No information available

12. Ecological information

Acute aquatic toxicity	No information available
Chronic aquatic toxicity	No information available
Persistence and degradability	No information available
Bioaccumulative potential	No information available
Mobility in soil	No information available
Results of PBT and vPvB assessment	not PBT/vPvB
Endocrine disrupting properties	The mixture does not contain endocrine disruptor
Other adverse effects	Not available
Additional information	Not available

13. Disposal considerations

Waste chemicals	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal
Contaminated packaging	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible
Disposal recommendations	Refer to section waste chemicals and contaminated packaging.

14. Transport information

Label and mark	: Not applicable
IMDG-CODE	: Not regulated for transport of dangerous goods
ICAO/IATA-DGR	: Not regulated for transport of dangerous goods
UN-ADR	: Not regulated for transport of dangerous goods

15. Regulatory information

International chemical inventory

Dimethyl siloxane, polymer,

((3-((2-aminoethyl)amino)propyl)

-dimethoxysilyl)oxy)-terminat

【EINECS】

There are listed in TSCA, IECSC, NZIoC, PICCS, KECI, and AICS

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

Dimethyl siloxane, polymer,

((3-((2-aminoethyl)amino)propyl)

-dimethoxysilyl)oxy)-terminat

【A】

There are listed in D

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)

16. Other information

These data are based on our best knowledge to date. However they do not imply any guarantee on the properties of the product. This safety data sheet replaces all previous issues