

Silico® PC19826 Phenyl Trimethicone

SAFETY DATA SHEET (SDS)

SECTION 1: Identification of the Substance and the Company

Product Identifier

Silico® PC19826 Phenyl Trimethicone

Recommended Uses

- Cosmetic and personal care formulations
- Hair care products, skin care products, sunscreens, and color cosmetics
- Functional ingredient for gloss, spreadability, and film-forming

Uses Advised Against:

Any use not consistent with intended cosmetic or industrial applications

Supplier Information:

Company: Silico® Silicone / Daiyue Industrial Area, Taian, Shandong, China

Email: info@silicorex.com

Emergency Contact: +86-0538-5071566

Website: www.silicorex.com

Section 2: Hazard Identification

GHS Classification:

- Not classified as hazardous under GHS for normal use.
- Inhalation of aerosolized mist may cause minor respiratory irritation.

Label Elements:

- Signal Word: None
- Hazard Statements: Not classified as hazardous
- Precautionary Statements:
 - P260: Do not breathe mist or spray.
 - P271: Use only outdoors or in a well-ventilated area.
 - P304 + P340: IF INHALED: Move person to fresh air and keep comfortable for breathing.

- P310: Immediately call a poison center or doctor if symptoms occur.
- P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
- P501: Dispose of contents/container in accordance with local regulations.

Other Hazards:

- Not identified as PBT or vPvB under REACH.
- No known environmental hazards at typical use levels.

Section 3: Composition / Information on Ingredients

Component	CAS Number	Concentration	Classification
Phenyl Trimethicone	70131-69-0	≥ 99%	Not hazardous under GHS

Chemical Name: Silsesquioxanes, phenyl trimethylsilyloxy-terminated.

Section 4: First Aid Measures

General Advice:

Seek medical attention if symptoms persist. Show this SDS to the physician.

Inhalation:

Move the person to fresh air. If breathing difficulties occur, seek medical assistance.

Skin Contact:

Wash with soap and water. Remove contaminated clothing.

Eye Contact:

Rinse thoroughly with water for at least 10 minutes. Remove contact lenses if present.

Ingestion:

Rinse mouth. Do not induce vomiting. Seek medical advice if necessary.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media:

- Water spray
- Foam
- Dry chemical
- Carbon dioxide (CO₂)

Specific Hazards:

- Thermal decomposition may produce silicon oxides and carbon oxides
- Combustion products may be irritating

Protective Equipment:

- Firefighters should wear self-contained breathing apparatus (SCBA) and full protective clothing

Section 6: Accidental Release Measures

Personal Precautions:

- Avoid contact with eyes and prolonged skin exposure
- Use adequate ventilation

Environmental Precautions:

- Prevent release into drains, soil, or waterways

Methods for Cleanup:

- Absorb with inert material (sand, vermiculite)
- Collect in suitable containers for disposal

Section 7: Handling and Storage

Handling:

- Avoid inhalation of mists or aerosol
- Ensure adequate ventilation
- Avoid contact with eyes

Storage:

- Store in tightly sealed containers in a cool, dry, and well-ventilated area
- Protect from excessive heat and direct sunlight
- Recommended storage temperature: 5–30°C

Section 8: Exposure Controls / Personal Protection

Engineering Controls:

- Use local exhaust ventilation where needed

Personal Protective Equipment (PPE):

- Eye: Safety goggles
- Hands: Chemical-resistant gloves
- Respiratory: NIOSH-approved respirator if ventilation is inadequate

Environmental Controls:

- Avoid discharge to the environment

Section 9: Physical and Chemical Properties

Property	Value
Appearance	Clear, transparent liquid
Color	Colorless to slightly yellow
Odor	Mild characteristic
Density	0.97–0.99 g/cm ³
Viscosity (25°C)	15–30 cSt
Refractive Index (25°C)	1.455–1.463
Flash Point	>100°C
Solubility	Insoluble in water; soluble in oils and organic solvents

Section 10: Stability and Reactivity

Reactivity: Stable under recommended storage and handling conditions.

Chemical Stability: Stable at ambient conditions.

Conditions to Avoid: Excessive heat, strong oxidizers.

Hazardous Decomposition Products: Silicon oxides, carbon oxides.

Section 11: Toxicological Information

Acute Toxicity: Low toxicity; oral and dermal exposure not expected to cause significant effects.

Skin Corrosion/Irritation: Not expected to cause irritation.

Eye Damage/Irritation: May cause temporary mild irritation.

Respiratory Sensitization: Not classified.

Repeated Dose Toxicity: No data available.

Section 12: Ecological Information

Ecotoxicity: Low environmental toxicity.

Persistence and Degradability: Slow degradation in the environment.

Bioaccumulation Potential: Low.

Section 13: Disposal Considerations

- Dispose of in accordance with local regulations
- Do not discharge to sewers or waterways

Section 14: Transport Information

Regulation	Status
UN Number	Not regulated
ADR/RID	Not classified as dangerous goods
IMDG	Not classified as dangerous goods
IATA	Not classified as dangerous goods

Section 15: Regulatory Information

- Complies with EU REACH Regulation (EC 1907/2006)
- Complies with US TSCA inventory
- Meets cosmetic ingredient regulations in major markets

Section 16: Other Information

Recommended Use: Cosmetic and personal care ingredient for hair, skin, and color formulations.

Disclaimer: Information in this SDS is based on current knowledge and experience. Users must determine suitability for specific applications.