

Section 1: Identification

Product Name	Silicone Fluid 556
Commercial Name	DOW CORNING(R) 556 COSMETIC GRADE FLUID
Product Use	Cosmetics
Restrictions On Use	Not available.
Product Code	30-1065
Company	PCCA 9901 South Wilcrest Houston, TX 77099 Phone: 1-800-331-2498 Fax: 1-800-874-5760
	In case of emergency contact: CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com:	Acute Toxicity Category 2
CFR 1910.1200	
Signal Word	DANGER
Hazard Statement(s)	Fatal if inhaled. Applies to aerosolized material only.
Pictogram(s) or Symbol(s)	

Precautionary Statement(s):

Prevention	Do not breathe mist or vapors. Use only outdoors or in a well-ventilated area. Wear respiratory protection.
Response	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
Storage	Store locked up.
Disposal	Dispose of contents/containers to an approved waste disposal plant.

Section 3: Composition/Information on Ingredients

Substance/Mixture	Substance
Components	Silsesquioxanes, phenyl trimethylsilyloxy-terminated
% By Weight	100
CAS#	70131-69-0
Molecular Weight	Not available.
Chemical Formula	Not available.
Synonym(s)	Not available.

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Silsesquioxanes, phenyl trimethylsilyloxy-terminated	70131-69-0	100		

Section 4: First-Aid Measures

Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Skin Contact	Wash with water and soap as a precaution. Get medical attention if symptoms occur.
Eye Contact	Flush eyes with water as a precaution. Get medical attention if irritation develops and persists
Ingestion	If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.
Symptoms/Effects	
Acute	Fatal if inhaled.
Delayed	Fatal if inhaled.

Immediate Medical Attention

First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists. Treat symptomatically and supportively.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Water spray Alcohol-resistant foam Carbon dioxide (CO₂) Dry chemical

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Carbon oxides Silicon oxides

Firefighters Special Equipment and Precautions

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area. In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Evacuate personnel to safe areas. Only trained personnel should re-enter the area. Follow safe handling advice and personal protective equipment recommendations.

Environmental precautions: Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g., by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained. Methods and materials for containment and cleaning up: Soak up with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements

Section 7: Handling and Storage

Handling: Do not breathe vapors or spray mist. Do not swallow. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment. Keep container tightly closed. Take care to prevent spills, waste and minimize release to the environment.

Conditions for safe storage: Keep in properly labeled containers. Store locked up. Keep tightly closed. Keep in a cool, well-ventilated place. Store in accordance with the particular national regulations. Materials to avoid: Do not store with the following product types: Strong oxidizing agents Flammable liquids Flammable solids Pyrophoric liquids Pyrophoric solids Self-heating substances and mixtures Substances and mixtures which in contact with water emit flammable gases Explosives Gases

Section 8: Exposure Controls/Personal Protection

Exposure Limits Contains no substances with occupational exposure limit values.

Engineering Controls Processing may form hazardous compounds (see section 10). Minimize workplace exposure concentrations. Use with local exhaust ventilation.

Personal Protection

Respiratory protection: General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection. Hand protection Material: Chemical-resistant gloves Remarks: Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday. Eye protection : Wear the following personal protective equipment: Safety glasses Skin and body protection: Skin should be washed after contact. Hygiene measures: Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions. For further information regarding the use of silicones / organic oils in consumer aerosol applications, please refer to the guidance document regarding the use of these type of materials in consumer aerosol applications that has been developed by the silicone industry (www.SEHSC.com) or contact the Dow Chemical customer service group.

Section 9: Physical and Chemical Properties

Appearance	Liquid. colorless		
Odor	None.		
Odor Threshold	Not available.		
Melting Point	Not available.	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	Not available.
Boiling Point/Range	> 250 °C	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	20 cSt at 25 °C.
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	> 101 °C Method: closed cup	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Not available.		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Stable under normal conditions.
Hazardous Polymerization	Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Hazardous decomposition products will be formed at elevated temperatures.
Conditions to Avoid	Not available.
Incompatible Materials	Oxidizing agents
Hazardous Decomposition Products	Benzene

Section 11: Toxicological Information

RTECS	Not available.
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Acute Toxicity

Fatal if inhaled. Product: Acute inhalation toxicity: LC50 (Rat): 0.467 mg/l Exposure time: 4 h Test atmosphere: dust/mist
 Remarks: On basis of test data. Acute dermal toxicity: LD50 (Rabbit): > 2,000 mg/kg Assessment: The substance or mixture has no acute dermal toxicity Remarks: On basis of test data

Skin Corrosion/Irritation

Not available

Serious Eye Damage/Irritation

Not available

Respiratory or Skin Sensitization

Toxic by inhalation of mist /spray.

Germ Cell Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive Toxicity

Not available.

Routes of Entry

Inhalation Skin contact Ingestion Eye contact

Symptoms Related to Exposure

Not available.

Potential Health Effects

Not available.

Target Organ(s) Not available.

Section 12: Ecological Information**Ecotoxicity**

Silsesquioxanes, phenyl trimethylsilyloxy-terminated: Toxicity to fish: LC50 (Danio rerio (zebra fish)): > 500 mg/l Exposure time: 96 h

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal Considerations**Waste Disposal**

Dispose of in accordance with local regulations.

Disposal of Container

Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

Not available.

Other

Not available.

Section 16: Other Information



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Silicone Fluid 556

30-1065

This product safety data sheet was prepared in compliance with article 31 and Annex II of the EU REACH Regulation as well as its relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations. It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces a formulation containing the Dow Corning product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Dow Corning Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with article 31 and Annex II of the EU REACH Regulation. All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. Dow Corning shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge. As stated above, this Safety Data Sheet has been prepared in compliance with applicable European law. If you purchase this material outside Europe, where compliance laws may differ, you should receive from your local Dow Corning supplier a SDS applicable to the country in which the product is sold and intended to be used. Please note that the appearance and content of the SDS may vary - even for the same product - between different countries, reflecting the different compliance requirements. Should you have any question, please refer to your local Dow Corning supplier.