

Phenyl Trimethicone

Safety Data Sheet · complies with OSHA HazCom 2012 (29 CFR 1910.1200) / GHS · CAS 2116-84-9

§1 IDENTIFICATION

Product Name	Phenyl Trimethicone
Common Name	Phenyl Trimethicone (INCI)
Recommended Use	Cosmetics ingredient
Restrictions on Use	Industrial and professional use only
Manufacturer / Supplier	
Company	RawSource Inc.
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Emergency Telephone	+1 (754) 306-4363 (business hours) — for a chemical emergency also contact your national poison / emergency service

§2 HAZARD(S) IDENTIFICATION

GHS Hazard Classification	Acute Toxicity Category 4 - Inhalation
Signal Word	Warning
Pictogram(s)	Exclamation mark

Hazard statement(s)

H332 : Harmful if inhaled.

Precautionary statement(s)

P234 : Keep only in original container.

P260 : Do not breathe dust / fume / gas / mist / vapours / spray.

P280 : Wear protective gloves / protective clothing / eye protection / face protection.

P403 + P233 : Store in a well-ventilated place. Keep container tightly closed.

Other Hazards	Avoid contact with alcohols, acids, bases, oxidising agents and other reactive chemicals.
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§3 COMPOSITION / INFORMATION ON INGREDIENTS

Substance Name	Phenyl Trimethicone (INCI); Silsesquioxanes, Phenyl
CAS No.	2116-84-9 (as stated on the supplier SDS)

§4 FIRST-AID MEASURES

If inhaled

If breathed in, move the person to fresh air. Consult a physician if any symptoms occur.

In case of skin contact

Flush with water, then wash with soap and water. Consult a physician if any symptoms occur.

In case of eye contact

Flush eyes with flowing water for 15 minutes. Consult a physician if any symptoms occur.

If swallowed

Never induce vomiting. Drink water to dilute the ingested material. Consult a physician if any symptoms occur.

Most important symptoms or effects, acute or delayed

None known.

§5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Carbon dioxide; alcohol-resistant foam

Unsuitable Extinguishing Media Acids, alkalis and dry chemicals

Specific hazards arising from the chemical

Fire may produce organic acid vapour, carbon oxides, silicon dioxide, and traces of incompletely burned carbon compounds and formaldehyde at high temperature or in flames.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and protective clothing should be worn when fighting large fires involving chemicals. Avoid skin and eye contact; do not breathe fumes. Prevent fire-control run-off from entering streams or drinking-water supply.

§6 ACCIDENTAL RELEASE MEASURES

Personal precautions and protective equipment

Use personal protective equipment.

Environmental precautions

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

Methods and materials for containment and cleanup

Absorb with an inert absorbent (sand, sawdust). Scrape up and place in an appropriate closed container. Do not flush to drain.

§7 HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition.

Conditions for safe storage, including incompatibilities

Keep in a properly labelled, closed container. Keep cool and protect from sunlight. Do not store with strong oxidising agents.

§8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters Contains no substances with occupational exposure-limit values.

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands after work. Ensure adequate ventilation, especially in confined areas.

Eye Protection	Tightly fitting safety goggles
Hand Protection	Use gloves; dispose of contaminated gloves
Skin Protection	Wear suitable protective clothing; wash skin after contact
Respiratory Protection	Use of a safety mask during handling

§9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Colour	Colourless
Odour	Characteristic odour
Flash Point	Above 90 degrees C

§10 STABILITY AND REACTIVITY

Reactivity	Oxidising material can cause a reaction
Chemical Stability	Stable under normal conditions
Possibility of Hazardous Reactions	Hazardous polymerization does not occur; at elevated temperature may form hazardous decomposition products
Conditions to Avoid	Exposure to moisture, heat, open flames and other sources of ignition
Incompatible Materials	Oxidising agents, strong bases (alkali) and isocyanates

Hazardous decomposition products

Thermal decomposition may yield organic acid vapour, carbon oxides, silicon dioxide, and traces of incompletely burned carbon compounds and formaldehyde at high temperature or in flames.

§11 TOXICOLOGICAL INFORMATION

Acute Toxicity	No data available
Skin Corrosion / Irritation	No data available
Serious Eye Damage / Irritation	No data available
Respiratory or Skin Sensitization	No data available
Carcinogenicity	No data available

§12 ECOLOGICAL INFORMATION

No data available.

§13 DISPOSAL CONSIDERATIONS

Incinerate in a furnace where permitted under national and local regulations. Follow all chemical pollution-control regulations. Consult state and local regulations regarding the proper disposal of this material.

§14 TRANSPORT INFORMATION

UN RTDG (Land)	Not regulated for transport
IATA-DGR (Air)	Not regulated for transport
IMDG Code (Sea)	Not regulated for transport
Transport in Bulk (MARPOL / IBC Code)	Not applicable for the product as supplied

§15 REGULATORY INFORMATION

United States TSCA Inventory	All components of this product are in compliance with the inventory listing requirements of the US Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
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§16 OTHER INFORMATION

NFPA Rating	Health 2 · Flammability 1 · Instability 0
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Prepared and issued by RawSource Inc. This SDS supersedes any prior version for this material. It relates only to the specific material identified above.

This Safety Data Sheet is provided in good faith and is correct to the best of RawSource's knowledge at the date of publication. It is a guidance for safe handling, use, processing, storage, transport, disposal and release, and is not a warranty or quality specification. It relates only to the specific material identified above. Users must determine the conditions of safe use in their own context.