

## SILICONES

### 1. Identification of the substance and of the company

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Trade name: **Silicones**

Company: **Gildewerk BV**  
Jan van Geunsweg 10A  
2031 BD Haarlem  
Netherland  
Holland@gildewerk.com  
www.gildewerk.com  
0031 (0)23 532 22 55

### 2. Composition / Information on ingredients

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Chemical characterization: Silicone elastomer  
Hazardous Ingredients: Name: CAS-No. EINECS/ELINCS No.Conc. (% w/w) Classification  
No hazardous ingredients.

### 3. Hazards Identification

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Not hazardous according to Council Directive 1999/45/EC and its subsequent amendments.

### 4. First aid measures

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On contact with eyes: No first aid should be needed.  
On skin contact: No first aid should be needed.  
If inhaled: No first aid should be needed.  
On ingestion: No first aid should be needed.

### 5. Fire fighting measures

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Suitable extinguishing media: Carbon dioxide, foam, dry powder or fine water spray.  
Water can be used to cool fire exposed containers.

Unsuitable extinguishing media: None known.

Hazards during fire fighting: None known.

Special protective equipment/  
procedures: A self-contained respirator and protective clothing should be worn.  
Keep containers cool with water spray until well after the fire is out.  
Determine the need to evacuate or isolate the area according to  
your local emergency plan.

Hazardous Combustion Products: Silica. Carbon oxides and traces of incompletely burned carbon  
compounds. Formaldehyde.

## 6. Accidental release measures

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Personal precautions:	Wear proper protective equipment.
Precautions to protect the environment:	Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.
Methods for cleaning up:	Determine the need to evacuate or isolate the area according to your local emergency plan. Very large spills should be contained by bunding, etc... procedures. Mop, wipe or soak up with absorbent material and place in a container with a lid. The spilled product produces an extremely slippery surface.

## 7. Handling and storage

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Advice on safe handling:	Avoid eye contact. General ventilation is recommended.
Advice on storage:	Do not store with oxidizing agents.
Specific uses:	Refer to technical data sheet available on request.
Unsuitable packaging materials:	None known.

## 8. Exposure controls / personal protection

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Engineering Controls:	Ventilation: Refer to Section 7 Exposure controls for hazardous components Name CAS-No. Exposure Limits None of the components have assigned exposure limits.
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### Personal protection equipment

Respiratory protection:	Respiratory protection is not normally required.
Hand protection:	Gloves are not normally required.
Eye protection:	Safety glasses should be worn.
Skin protection:	Protective equipment is not normally necessary.
Hygiene measures:	Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.
Environmental exposure controls:	Refer to section 6 and 12.

Additional information: *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 in consumer aerosol applications, please refer to the guidance document regarding the use of silicone-based materials in consumer aerosol applications that has been developed by the silicone industry ([www.SEHSC.com](http://www.SEHSC.com)) or contact the Dow Corning customer service group.*

## 9. Physical and chemical properties

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### Appearance

Form:	Viscous Liquid
Colour:	Off-White
Odour:	None

### Other data

Boiling point/range:	> 65 °C
Flash point:	> 100 °C (Closed Cup)
Explosive properties:	No
Specific Gravity:	1.15
Viscosity:	25,000 mPa s at 25°C.
Oxidizing properties:	No

## 10. Stability and reactivity

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Stability:	Stable under normal usage conditions.
Conditions to avoid:	None established.
Materials to avoid:	Can react with strong oxidising agents.
Hazardous decomposition products:	See section 11.

## 11. Toxicological information

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On contact with eyes:	May cause temporary discomfort.
On skin contact:	No adverse effects are normally expected.
If inhaled:	No adverse effects are normally expected.
On ingestion:	No adverse effects are normally expected.
Other Health Hazard Information:	Product may emit formaldehyde vapours at temperatures above 150°C in the presence of air. Formaldehyde vapour is harmful by inhalation and irritating to eyes and respiratory system at breathing concentration less than one part per million (1 ppm).

## 12. Ecological information

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Environmental fate and distribution:	Siloxanes are removed from water by sedimentation or binding to sewage sludge. In soil, siloxanes are degraded.
Ecotoxicity effects:	No adverse effects on aquatic organisms.
Bioaccumulation:	No bioaccumulation potential. Fate and effects in waste water treatment plants Removed > 90% by binding onto sewage sludge. No adverse effects on bacteria. The siloxanes in this product do not contribute to the BOD.
Additional environmental information:	Additional environmental information on the silicone component is available on request.

## 13. Disposal considerations

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Product disposal:	Dispose of in accordance with local regulations.
Packaging disposal:	Dispose of in accordance with local regulations.

## 14. Transport information

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Road / Rail (ADR/RID)	Not subject to ADR/RID.
Sea transport (IMDG)	Not subject to IMDG code.
Air transport (IATA)	Not subject to IATA regulations.

## 15. Regulatory information

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Labelling according to EEC Directive No special packaging or labelling requirements.

### National legislation/regulations

Ozone depleting chemicals:	No ozone depleting chemicals are present or used in manufacture.
Status	
EINECS:	All ingredients listed or exempt.
TSCA:	All chemical substances in this material are included on or exempted from listing on the
TSCA	Inventory of Chemical Substances.

## **16. Other information**

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This product safety data sheet was prepared in compliance with Commission Directive 2001/58/EG, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

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 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 supplier.