Material Safety Data Sheet according to (EC) 1907/2006

Tradename:

Silicone Lubricant

Section 1. Identification of the substance/preparation and of the company/undertaking

1.1 Product identifier
Name of product: **Silicone Lubricant**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of de substance/mixture
High performance silicone lubricant

Uses advised against
Remark
not known

1.3 Details of the supplier of the safety data sheet
Manufacturer / distributor

SCHEU DENTAL GmbH
Am Burgberg 20
D-58642 Iserlohn
Tel. +49 (2374) 9288-0
Fax +49 (2374) 9288-90

eMail: service@SCHEU-DENTAL.com
Internet: www.SCHEU-DENTAL.com

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC
The mixture is not classified as hazardous according to Directive 1999/45/EC.

Classification according to Regulation (EC) No 1272/2008 [CLP]
This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008

2.2 Label elements
The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

2.3 Other hazards

Information pertaining to special dangers for human and environment
none following the use directions

Section 3. Composition / information on ingredients

3.2 Mixtures
Chemical characterization
Silicone grease based on PTFE

Section 4. First aid measures

4.1 Description of first aid measures

General information
Remove contaminated soaked clothing immediately.

After inhalation
no
After contact with skin
After contact with skin, wash off with water and soap.

After contact with eyes
In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

After ingestion
Do NOT induce vomiting. Consult a physician.

4.2. Most important symptoms and effects, both acute and delayed
No information available.

4.3. Indication of any immediate medical attention and special treatment needed
No information available.

Section 5. Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
ABC-powder, carbon dioxide, foam, dry fire-extinguishing substance

Unsuitable extinguishing media
water

5.2 Special hazards arising from the substance or mixture
At temperatures above 290°C decomposition to organic and inorganic fluorinated compounds.

5.3 Advice for firefighters
Use breathing apparatus with independent air supply.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
no

6.2 Environmental precautions
Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up
Take up with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

6.4 Reference to other sections
No information available.

Section 7. Handling and Storage

7.1 Precautions for safe handling

Advice on protection against fire and explosion
No special measures necessary.

7.2 Conditions for safe storage, including any incompatibilities

Advice on storage compatibility

Further information on storage conditions
Recommended storage temperature: room temperature
Storage time: 3 years

7.3. Specific end use(s)
No information available.

Section 8. Exposure controls / personal protection

8.1 Control parameters
Additional advice
Does not contain any component refering to an occupational exposure limit

8.2 Exposure controls

Respiratory protection
Not necessary in general

Hand protection
Gloves (oil resistant), p.e. nitrile rubber (permeation time > 480 min/0,11 m thickness according to DIN/EN 374)

Eye/face protection
not applicable

General protective measures
It is necessary to select all body protective agents according to concentration and amount of the hazardous substances in adjustment of the workplace. The chemical resistancy of the protective agents have to be clarified with the manufacturer.

Protective and hygiene measures
Wash hands after work

Environmental exposure controls
none

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	pasty
Colour	white
Odour	odourless
pH value	not applicable

Changes in the physical state		**Test method**
Melting point		
Flash point	> 300 °C	DIN/ISO 2592
Ignition temperature	> 450 °C	DIN 51794
Autoignition	non autoignitionable	
Relative density at 15°C	1,3 g/cm³	DIN 51757
Solubility in water	insoluble	
Viscosity consistency		DIN 51818

Explosive properties
The product is not explosive

9.2 Other information
No information available.

Section 10. Stability and reactivity

10. 1 Reactivity
No information available.

10.2 Chemical stability
The material is stable under normal conditions.

10.3 Possibility of hazardous reactions
No information available.

10.4 Conditions to avoid
not known

10.5 Incompatible materials

Materials to avoid
Strong oxidizing agents

10.6. Hazardous decomposition products
risk of formation of toxic, fluoric pyrolyse products

Thermal decomposition

Remark at temperatures >250 °C

Section 11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

LD50 acute oral no data available

Irritability skin
non irritant

Irritability eye
non irritant

Skin sensitization
no

Irritation and corrosivity
Based on available data, the classification criteria are not met.

Sensitising effects
Based on available data, the classification criteria are not met.

STOT-single exposure
Based on available data, the classification criteria are not met.

Severe effects after repeated or prolonged exposure
Based on available data, the classification criteria are not met.

Carcinogenic / mutagenic / toxic / effects for reproduction
Based on available data, the classification criteria are not met.

Aspiration hazard
Based on available data, the classification criteria are not met.

Section 12. Ecological Information

12.1 Toxicity

Poorly biodegradable

Aquatic toxicity	Method Dose	[h] [d]	Species	Validation
Acute fish toxicity	LC0 200 mg/l	96 h	Leuciscus idus (golden orfe)	The details of the toxic effect relate to the contained solvent.
Acute bacteria toxicity	EC0 1000 mg/l		Pseudomonas putida	The details of the toxic effect relate to the main component.

12.2 Persistence and degradability

Biological eliminability
The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

12.3 Bioaccumulative potential
The formulation is water insoluble and does not formate an emulsion.

12.4. Mobility in soil
No information available.

12.5 Results of PBT and vPvB assessment
This substance does not meet the PBT/vPvB criteria

12.6 Other adverse effects
not known

Further information
Product is free of aromates, pcp and pct.

Section 13. Disposal considerations

13.1 Waste treatment methods

Advice on disposal

Waste code no.	**Name of waste**
12 01 12	spent waxes and fats

Recommendations for the product / packaging
Dispose in accordance with local official regulations

Section 14. Transport Information

Transport / further information
No dangerous goods as defined by the transport regulations – ADR/RID, IMDG, ICAO/IATA.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available.

Special precautions for user
No information available.

Section 15. Regulatory Information

15.1 Safety, health an environmental regulations/legislation specific for the substance or mixture
No information available.

15.2 Chemical Safety Assessment
Chemical safety assessments for substances in this mixture were not carried out.

Additional Information
Observe in addition any national regulations!

Section 16. Other Information

Further information
The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.