

EU – Safety Data Sheet



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Printing date: 14.02.2012

According to 1907/2006 (REACH)

Date of issue: 20.05.2011

Silaflux paste

1. Identification of the substance / Preparation and Company:

Identification of the substance or preparation:

Commercial product name: Silaflux paste

Company / Manufacturer: SILADENT Dr. Böhme & Schöps GmbH
Im Klei 26
D - 38644 Goslar
0 53 21 / 37 79 – 0
0 53 21 / 38 96 32
info@sbs-dental.de / www.sbs-dental.de

2. Composition / Information on Ingredients:

Chemical characterisation: Solution of fluoride in aliphatic carbon hydride.

Dangerous components: None

CAS-no.	EINECS-no.	Mass percentage	Symbol	Code letter / R-phrases
7681-49-4	-	1 - 3 %	-	Xn, R20 - 63, S26 - 45

3. Hazards Identification:

3.1 Hazard identification: This product is non-hazardous according to Directive 1999/45/EC.

3.2 Information concerning particular hazards for human and environment: Product can cause damage to an unborn child. Possible risk of impaired fertility. Irritating to eyes, respiratory system and skin.
Affected organs:
Central nervous system, kidney, testicles.
Wear adequate protective clothing at work.
In case of an accident or illness consult a doctor immediately.
In case of contact with the eyes rinse out with water and consult a doctor. Water hazard class: 1 - Slightly hazardous.

4. First aid measures:

4.1 After inhalation: Not applicable.
4.2 After skin contact: Wash off immediately with soap and plenty of water.
4.3 After eye contact: Rinse thoroughly with plenty of water keeping eye lid open. In case of persistent discomfort, consult an ophthalmologist.
4.4 After swallowing: Rinse out mouth thoroughly with water, if person is conscious. Consult a doctor immediately.

5. Fire Fighting measures:

5.1 Suitable extinguishing agents: Choose extinguishing agent according to environmental conditions.
5.2 For safety reasons unsuitable extinguishing agents: Do not extinguish with water.
5.3 Special hazards: Not applicable.
5.4 Special protective equipment: Respiratory protection and protective clothing to avoid skin and eye contact.

6. Accidental release measures:

6.1 Personal safety precautions: Protective gloves.
Pick-up with a glass container and dispose.
6.2 Environmental precautions: Water hazard class 1 - Slightly hazardous.
6.3 Methods for cleaning up: No special measures required.

7. Handling and Storage:

7.1 Safe handling advice: Wear adequate protective clothing during work.
7.2 Storage: Store at room temperature (20°C) in a dry place. Keep away from children to avoid swallowing.

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7.3 Specific uses: Use according to specifications only.

8. Exposure controls / Personal protection:

- 8.1 Exposure limit values:
Occupational exposure limits: The product does not contain substances with occupational exposure limits.
- 8.2 Exposure control:
Exposure at workplace: Wash hands before break and at the end of work.
Respiratory protection: Do not eat, drink or smoke during processing.
Hand protection: Work only under an exhaust hood.
Eye protection: Protective gloves which are chemical resistant.
Body protection: Wear safety glasses / eye shower.
Avoid contact with eyes, skin and clothing.
Avoid prolonged and repeated exposure.
After use wash off thoroughly.
Wash contaminated clothing before re-use.
- 8.3 Environmental exposure controls: Not required if handled according to specifications.

9. Physical and chemical properties:

- 9.1 Appearance:
Form: -
Colour: -
Odour: -
- 9.2 Important health, safety and environmental information:
pH-value: Not applicable.
Boiling point / boiling range: Not applicable.
Flash point: -
Change in state: 600°C
Melting point / Melting range: 180°C
Combustibility: -
Danger of explosion: Product is not explosive.
Properties: Not applicable.
Relative density at 20°C: Not applicable.
Solubility: In water: insoluble.
In alcohol: insoluble.
Partition coefficient: Not applicable.
Viscosity: Thixotrope paste.
Vapour density: Not applicable.
Vapourisation rate: Not applicable.
- 9.3 Other information: None.

10. Stability and Reactivity:

- 10.1 Conditions to avoid: No data known.
- 10.2 Materials to avoid: Acids.
- 10.3 Hazardous decomposition products: Hydrofluoric acid.

11. Toxicological Information:

- 11.1 After inhalation: Irritation to the mucous membrane and the upper respiratory tract.
- 11.2 After swallowing: Not applicable.
- 11.3 After skin contact: Skin irritation.
- 11.4 After eye contact: Eye irritation.
- 11.5 Acute effects: Potentially harmful if inhaled, swallowed or absorbed through the skin. Based on our present knowledge the chemical, physical and toxicological properties of this product have not been tested.

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12. Ecological Information:

12.1 Ecotoxicity	No data known.
12.2 Mobility:	No data known.
12.3 Persistence and degradability:	No data known.
12.4 Bioaccumulation potential:	No data known.
12.5 Other harmful effects:	No data known.

13. Disposal Considerations:

13.1 Notice: Dispose according to local and national regulations.	
13.2 Waste code number according to the European waste catalogue.	-
13.3 Product:	This material must be disposed by a licensed disposal company.
13.4 Uncleaned packaging:	Contaminated packaging has to be disposed as the product.

14. Transport Information:

14.1 This product is not subject to transport or international regulations.	
14.2 Sea transport (IMDG):	Not applicable.
14.3 Land transport (ADR/RID):	Not applicable.
14.4 Air transport (ICAO / IATA):	Not applicable.

15. Regulatory Information:

According to EC-regulations / GefStoffV the product does not have to be labelled.	
15.1 EC-regulations:	
15.2 Hazard symbol / Hazard statement:	Not applicable.
15.3 R-phrases:	
R 20/21/22:	Harmful if inhaled, swallowed or absorbed through the skin
R 36-38:	Irritating to eyes, respiratory system and skin.
R62:	Possible risk of impaired fertility.
R63:	Product can cause damage to an unborn child.
15.4 S-phrases:	
S 26:	In case of eye contact rinse out thoroughly with water and consult a doctor.
S 36/37/39:	Wear adequate protective clothing, protective goggles and protective gloves during work.
S 45:	In case of an accident or illness consult a doctor immediately.
Special labelling:	
15.5 National regulations:	
TRGS 905:	CAS-no.: 7681-49-4
Statutory order on hazardous incidents:	Not applicable.
Water hazard class:	1
Regulation 1993/13/EC:	Not applicable.
Workplace classification according to BGV A8:	Not applicable

16. Further Information:

This information is based on our present knowledge. However this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

R-phrases: See section 14.