

EG-MATERIAL SAFETY DATA SHEET

according to 91/155 EEC

Date of issue: 5-Sep-12

page 1 of 3

replaced copy from: 30-Jun-04

Silaform / Silaform 85 K Component A

1. Identification of the Substance / Preparation and Company:

Identification of the substance or preparation:

Commercial product name: Silaform, Silaform 85 K Component A
Silicone vulcanised with a cross-linking accelerator
Company / Manufacturer: SILADENT Dr. Böhme & Schöps GmbH
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2. Composition / Information on Ingredients:

- 2.1 Chemical characterization: Polyorganosiloxanes with inert mineral fillers
2.2 Components contributing to the hazard: None

3. Hazards Identification:

Adverse human health effects: Slightly irritating to eyes
Environmental effects: Presents no particular risk to the environment, provided the disposal requirements (see section 13) and national or local regulations are complied with.
Physical and chemical hazards: Combustible liquid. No specific hazard under normal conditions of use.

4. First aid measures:

- 4.1 After inhalation: No special measures required.
4.2 After contact with the skin: Wipe off with cloth or paper. Then with soap and water.
4.3 After contact with the eyes: Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation
4.4 After swallowing: In cases of sickness seek medical advice (show label if possible).

5. Fire Fighting measures:

- 5.1 Suitable extinguishing media: Water spray, foam, powders, carbon dioxide (CO₂)
5.2 Extinguishing media which must not be used for safety reasons: None to our knowledge. If there is a fire close by, use suitable extinguishing agents.
5.3 Special fire fighting methods: Cool down the containers/equipment to heat with a water spray.
5.4 Special protective equipment for fire fighting: Self-contained breathing apparatus.

6. Accidental release measures:

- 6.1 Personal precautions: safety glasses
6.2 Environmental precautions: This product does not present any particular risk for the environment.
6.3 Methods for cleaning up: Absorb mechanically and dispose of according to regulations.
Absorb with a liquid binding material such as diatomaceous earth and dispose of according to regulations.

7. Handling and Storage:

- 7.1 Handling: Does not require any specific or particular measures.
7.2 Storage: Stable under normal storage conditions.
Conditions of storage rooms vessels: Strong oxidizing agents.
Advice of storage of incompatible materials:

8. Exposure controls / Personal protection:

- 8.1 Further information for system design and engineering measures: Not applicable

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page 2 of 3

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Personal protection equipment :

General protection and hygiene measures:	No special hygiene measures required
Respiratory protection:	not required.
Hand protection:	not required.
Eye protection:	Goggles
Skin protection:	not required.
Hygiene measures:	Do not drink, eat or smoke in the workplace.

9. Physical and chemical properties:

Form:	viscous paste
Colour:	whitish-blue
Odour:	Odourless
Decomposition temperature:	> 200 °C
Flash point:	> 200 °C
Ignition temperature:	> 400 °C
Oxidizing properties:	Non oxidizing material according to EEC criteria
Vapour pressure:	<0.01 kPa at 20°C
Specific gravity:	1.8 g/cm ³ at 25°C
Solubility:	
- in water:	Practically insoluble
- in organic solvents:	Dispersible (partial solubilisation) in: diethylether, chlorinated solvents, aromatic hydrocarbons (toluene, xylene), aliphatic hydrocarbons

10. Stability and Reactivity:

10.1 Stability:	Stable at room temperature
10.2 Hazardous reactions:	
Materials to avoid:	strong oxidizing agents.
Hazardous decomposition products:	On combustion or on thermal decomposition (pyrolysis) releases: flammable vapours which may generate fire or explosion hazards. Toxic gases (Carbon oxides (CO + CO ₂)).

11. Toxicological Information:

11.1 Acute toxicity:	
LD 50 skin (Rat):	>2000mg/kg.
LD 50 oral (Rat):	>2000mg/kg.
11.2 Local effects:	may cause temporary irritation to ocular mucous membranes.

12. Ecological Information:

12.1 Mobility, Precipitation:	The product is slightly soluble and forms a sediment by adsorption onto materials or particles in suspension.
12.2 Expected behaviour of the product:	Ultimate destination of the product: Soil and Sediment
12.3 Biodegradability:	Not biodegradable.
12.4 Bioaccumulation:	Not bioaccumulable.

13. Disposal Considerations:

13.1 Waste from residues:	Prohibition: Do not discharge waste into drains. Destruction/Disposal: Dilute with a flammable solvent and incinerate at a licensed installation. Dispose of at a licensed waste collection point. Un-vulcanized product: Vulcanized product: May be disposed of with non hazardous industrial waste.
13.2 Contaminated packaging:	Decontamination/cleaning: Allow it to drain thoroughly. Rinse with an appropriate solvent. Recover the solvent used for rinsing and incinerate at a licensed site. Entrust the thoroughly decontaminated packaging to a licensed waste-contractor. Dispose of at an approved site.

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page 3 of 3

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Note:

The user's attention is drawn to the possible existence of local regulations regarding disposal.

14. Transport Information:

14.1 Land transport GGVS/ADR and

GGVE/RID:

Road GGVS/ADR:

Railway GGVE/RID:

Valuation - Non-hazardous material

Valuation - Non-hazardous material

Express – permitted

14.2 Inland navigation GGVBinsch/ADNR

Transport by sea GGVS/IMDG-

Code:

Air transport ICAO-TI/IATA-DGR :

Valuation - Non-hazardous material

Valuation - Non-hazardous material

15. Regulatory Information:

Labelling:

EEC regulations:

Mandatory labelling (self-classification) of hazardous preparations:

Not applicable

16. Further Information:

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.