

1. Identification of the substance/preparation and the companyTrade Name: **ELBESIL BL/BM/BH**

Manufacturer: L. Böwing GmbH Delkenheimer Str. 18
D 65719 Hofheim/Ts.
in case of emergency Telefon : 06145/2091
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2. Composition/information on ingredients

preparation containing polydimethylsiloxane and inorganic fillers

3. Hazards identification

Hazard warning not required.

4. First-aid measures

In case of eye contact rinse with plenty of water.
In case of skin contact remove product mechanically.
Should the product be swallowed seek medical advice.

5. Fire-fighting measuresExtinguishing media: CO₂, foam, sprayed water jet, extinguishing powder**6. Accidental release measures**

Take up with absorbent material, e.g. sawdust, sand.

7. Handling and storage

No special measures required.
Product may become electrostatically charged during filling and transfusing.

8. Exposure controls/Personal protection

No special measures required.
When handling observe the usual precautionary measures for chemicals.

9. Physical and chemical properties

Form:	pasty	
Colour:	white	
Odour:	odourless	
Boiling point:	not applicable	
Density:	approx. 1,03 g/cm ³ at 25 OC	
Vapour pressure:	< 0,01 mbar at 20 OC	
viscosity:	high viscosity	
Solubility in water:	insoluble	
ph value:	neutral at 20 OC	
Flash point:	approx. 300 IC	DIN 51376
Ignition temperature:	approx. 400 OC	DIN 51794
Explosive limits:	not applicable	

Printing date: 27.10.2005

Issue date: 01.02.2005

Product: ELBESIL BL, BM, BH

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10. Stability and reactivity

Thermal decomposition: No decomposition when used as directed.

Hazardous decomposition products: No

hazardous decomposition products observed.

Hazardous reactions: No hazardous reactions observed.

11. Toxicological Information

Experience with the ingredients of ELBESIL BL, BM, BH indicates that the product presents no health hazard when handled correctly and with the usual precautions for industrial hygiene. Previous knowledge shows that polydimethylsiloxane are physiologically safe; however, the product can form an oil film on the eyeball temporarily causing harmless and reversible clouding of vision.

12. Ecological Information

Tests on polydimethylsiloxanes showed the following results:

Acute fish toxicity: Golden orfe (*Leuciscus idus*) LC₅₀: 200 mg/l, Duration of test: 96 h

Acute Material toxicity:

Pseudomonas putida: no harmful effect with 10000,mg/1

Polydimethylsiloxanes may undergo limited abiotic degradation; there is no evidence of bioaccumulation.

According to the present state of knowledge no disturbance is caused in biological sewage treatment plants if the product is used properly.

Water pollution class (WGK): 0 - not generally hazardous to water (own classification)

WGK = Classification in accordance with the German Water Resources Act

13. Disposal considerations

May be incinerated in a suitable facility provided local regulations are observed.

14. Transport Information

GGVSee/IMDG Code: UN No.: -- MPAG: -- EmS: --

PG: MPO: --

GGVE/GGVS: Class No.

Warning sign: Hazard no. --

ADNR: Class -- No. Declaration for land shipment: Declaration for sea shipment: Declaration for shipment by air: other information:

RID/ADR: Class -- No. -Substance no.

Cat -- ICAO/IATA-DGR: not restr.

Not dangerous cargo. Keep separaten from foodstuffs.

15. Regulatory Information

No labelling is required in accordance with the EEC directives.

16. Other information

The constituents of ELBESIL BL, BM, BH are named in Recommendation (Empfehlung) XV "Silicone" of the Plastics Committee of the Federal German Health Office (Bundesgesundheitsamt).

ELBESIL BL, BM, BH is therefore considered safe for use in articles for food contact applications.

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.