

EC safety data sheet

Trade name: Silikonfett

Product no.: L28

Version: 1.0.0 / GB

Status: 06.09.2011

1.) Identification of the substance/mixture and of the company/undertaking

Trade name

Silikonfett

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

Relevant identified uses of the substance or mixture

lubricant paste

Details of the supplier of the safety data sheet

Address

Cellpack GmbH

Electrical Products

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Information provided by / telephone

+49 (0)7741 6007-0

Emergency telephone

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

Advice on Safety Data Sheet

msds@cellpack.com

2.) Hazards identification

Classification of the substance or mixture

Classification information

This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)

Label elements

Supplemental label elements

"Safety data sheet available for professional user on request".

Other hazards

Please observe the information given in this safety data sheet.

3.) Composition / information on ingredients

Substance / product identification

Chemical characterization

Mixture (preparation)

Hazardous ingredients

boric acid

EC no.	233-139-2	Index no.	005-007-00-2	CAS no.	10043-35-3
Concentration	< 0,5		%-b.w.		
Classification	Repr.Cat.2; R60	Repr.Cat.2; R61			
Hazard symbols	T	R phrases	60-61		

4.) First aid measures

General information

Change contaminated, saturated clothing.

After inhalation

Inhalation of product is unlikely.

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After skin contact

Remove with a cloth or paper. Wash off with soap and water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Get medical attention if pain still persists.

After ingestion

Turn a vomiting person lying on his back onto his side. Let plenty of water be drunk in small gulps. Do not induce vomiting.

5.) **Fire-fighting measures**

Suitable extinguishing media

Carbon dioxide; extinguishing powder; Water mist; Alcohol-resistant foam; Sand

Extinguishing media that must not be used for safety reasons

Full water jet

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO); Carbon dioxide (CO₂)

Special protective equipment for fire-fighters

Use self-contained breathing apparatus. Wear protective clothing.

Other information

Fire residues and contaminated firefighting water must be disposed off in accordance with the local regulations.

6.) **Accidental release measures**

Personal precautions

Use personal protective clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up/taking up

Take up mechanically. Dispose of absorbed material in accordance with the regulations.

Additional informations (chapter 6)

Risk of slipping due to leakage/spillage of product.

7.) **Handling and storage**

Handling

Advice on safe handling

Keep container tightly closed.

Advice on protection against fire and explosion

No special measures necessary.

Storage

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed.

Advice on storage assembly

Do not store together with foodstuffs.

Further information on storage conditions

Keep containers dry and cool.

8.) **Exposure controls / personal protection**

Exposure limit values

N O N E

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Exposure controls**Personal protective equipment****Respiratory protection**

No special measures required.

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective glove should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material butyl rubber

Eye protection

Safety glasses recommended

Skin protection

No special measures required.

General protective and hygiene measures

Observe the usual precautions when handling chemicals. Do not eat or drink during work - no smoking. Wash hands before breaks and after work. Use barrier skin cream. Avoid prolonged and/or repeated contact with skin.

9.) Physical and chemical properties**General information**

Form	paste
Colour	colourless
Odour	odourless

Important health, safety and environmental information**Changes in physical state**

Type	Melting point		
Value		-40	° C

Flash point

Remarks not applicable

Ignition temperature

Value	appr.	450	° C
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Explosion limits

Risk of explosion The product does not have explosive properties.

Density

Value	>	1,00	g/cm ³
Method	DIN 51757		
Reference temperature	25		° C

Soluble in

organic solvents

Solubility in water

Reference temperature	20	° C
Remarks	insoluble	

10.) Stability and reactivity**Conditions to avoid**

None, if handled according to order.

Materials to avoid

Oxidizing agents

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Hazardous decomposition products

None if stored, handled and transported properly. Measurements carried out with temperatures above 150°C and in presence of air (oxygen) have shown that low quantities of formaldehyde are released upon oxidative degradation.

Thermal decomposition

Remarks No decomposition if used as prescribed.

11.) **Toxicological information**

Experience in practice

When handled appropriately adverse health effects are not to be expected.

Other information

The product was classified on the basis of the calculation procedure of the preparation directive (1999/45/EEC). Product specific toxicological data are not known.

12.) **Ecological information**

Ecotoxicity

Behaviour in sewers [waste treatment plants]

Remarks In our experience no harmful effects are to be expected in wastewater treatment plants.

Mobility

Remarks It forms a thin oil film on the water surface. Is absorbed by the suspended particles. Separation through sedimentation.

Persistence and degradability

Biodegradability

Evaluation not degradable

Bioaccumulative potential

Remarks Being insoluble its bioaccumulation properties are minimal.

Other adverse effects

General information No ecological effect is to be expected, if used and handled as intended.

13.) **Disposal considerations**

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

14.) **Transport information**

Other information

The product is not defined under national/international road, rail, sea and air dangerous goods transport regulations as a hazardous material.

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15.) Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

REACH candidate list of substances of very high concern (SVHC) for authorisation

The product contains following substance(s) meeting the criteria in Article 57/59 of the REACH regulation 1907/2006 that are considered being a substance to be placed on the candidate list for inclusion in annexe XIV (substances subject to Authorisation).

CAS no. 10043-35-3

EC no. 233-139-2

Restriction of occupation

Adhere to the national sanitary and occupational safety regulations when using this product.

Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

Remarks Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

16.) Other information

Sources of key data used to compile the data sheet:

EC Directive 67/548/EC resp. 99/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EC

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Full text of R-phrases referred to under section 3

R60 May impair fertility.

R61 May cause harm to the unborn child.

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.