

## EU safety data sheet

**Trade name:** Clear Gel B

**Product no.:** F6

**Current version :** 2.0.0, issued: 21.10.2021

**Replaced version:** 1.1.0, issued: 21.09.2021

**Region:** GB

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

**Trade name**

**Clear Gel B**

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

**Relevant identified uses of the substance or mixture**

filling compound for electrotechnical use

**Uses advised against**

No data available.

#### 1.3 Details of the supplier of the safety data sheet

**Address**

BBC Cellpack GmbH

Carl-Zeiss-Strasse 20

79761 Waldshut-Tiengen

Telephone no. +49 (0)7741 6007-0

Fax no. +49 (0)7741 64989

e-mail [electrical.products@cellpack.com](mailto:electrical.products@cellpack.com)

**Information provided by / telephone**

+49 (0)7741 6007-0

**Advice on Safety Data Sheet**

[msds@cellpack.com](mailto:msds@cellpack.com)

#### 1.4 Emergency telephone number

For medical advice (in German and English):

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

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP). Classification and labelling are based on toxicological studies performed on the product (mixture).

#### 2.2 Label elements

Not relevant

#### 2.3 Other hazards

Please observe the information given in this safety data sheet.

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

**Chemical characterization**

Polydimethylsiloxane with vinyl groups and auxiliary

**Hazardous ingredients**

This product does not contain substances to be mentioned according to EU Regulation No 1907/2006 (REACH), annex II.

### SECTION 4: First aid measures

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### 4.1 Description of first aid measures

#### General information

Remove contaminated clothing and shoes and launder thoroughly before reusing.

#### After inhalation

Inhalation of product is unlikely.

#### 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

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

#### After ingestion

Let plenty of water be drunk in small gulps. Seek medical attention. Do not induce vomiting.

### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Carbon dioxide; Extinguishing powder; Water spray jet; Alcohol-resistant foam

#### Unsuitable extinguishing media

High power water jet

### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: not combusted hydrocarbons; Carbon monoxide and carbon dioxide

### 5.3 Advice for firefighters

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

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Take the precautions customary when handling chemicals.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

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

### 6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g., sand, kieselguhr, acid binder, universal binder, sawdust). Dispose of absorbed material in accordance with the regulations.

### 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

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Ensure adequate ventilation.

**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.

**7.2 Conditions for safe storage, including any incompatibilities**

**Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight. Keep from freezing.

**Requirements for storage rooms and vessels**

Always keep in containers of same material as the original.

**7.3 Specific end use(s)**

No data available.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

No parameters available for monitoring.

**8.2 Exposure controls**

**Appropriate engineering controls**

Provide good ventilation.

**Personal protective equipment**

**Respiratory protection**

No special measures required.

**Eye / face protection**

Safety glasses recommended

**Hand protection**

Protective gloves (recommended); Replace immediately protective gloves if worn or damaged. Make sure that operations are designed so that it is not necessary to wear continuously protective gloves.

Appropriate Material	butyl rubber		
Material thickness	>	0.3	mm
Breakthrough time	>	480	min
Appropriate Material	nitrile rubber		
Material thickness	>	0.1	mm
Breakthrough time	>	480	min

**Other**

No special measures required.

**Environmental exposure controls**

No data available.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

<b>State of aggregation</b>	liquid
<b>Form/Colour</b>	pasty transparent
<b>Odour</b>	characteristic
<b>pH value</b>	

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No data available
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**Boiling point / boiling range**

No data available
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**Melting point/freezing point**

No data available
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**Decomposition temperature**

No data available
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**Flash point**

Value	>	200	°C
Method	ISO 2592		
Source	Manufacturer		

**Ignition temperature**

Value	>	400	°C
Method	DIN EN 14522		
Source	Manufacturer		

**Explosive properties**

The product does not have explosive properties.
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**Flammability**

No data available
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**Lower explosion limit**

No data available
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**Upper explosion limit**

No data available
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**Vapour pressure**

No data available
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**Relative vapour density**

No data available
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**Relative density**

No data available
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**Density**

Value	0.97	g/cm <sup>3</sup>
Reference temperature	23	°C
Method	DIN EN ISO 1183-1	
Source	Manufacturer	

**Solubility in water**

Comments	insoluble
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**Solubility**

No data available
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**Partition coefficient n-octanol/water (log value)**

No data available
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**Viscosity**

Value	1000	mPa*s
Reference temperature	23	°C
Type	dynamic	
Method	DIN 53019	
Source	Manufacturer	

**Particle characteristics**

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No data available

**9.2 Other information**

**Other information**

No data available.

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

Dangerous reactions are not expected if the product is handled according to its intended use.

**10.2 Chemical stability**

Stable under recommended storage and handling conditions (See section 7).

**10.3 Possibility of hazardous reactions**

When heated to temperatures above 150 °C in the presence of air, product can form formaldehyde vapours.

**10.4 Conditions to avoid**

Temperatures > 150°C

**10.5 Incompatible materials**

No data available.

**10.6 Hazardous decomposition products**

None if stored, handled and transported properly.

**SECTION 11: Toxicological information**

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute oral toxicity**

**No Product Name**

**1 Clear Gel B**

ATE (Mixture)	>	2000	mg/kg
Species	rat		
Source	Manufacturer		
Comments	Analogous to a product with a similar composition.		

**Acute dermal toxicity**

**No Product Name**

**1 Clear Gel B**

LD50	>	2000	mg/kg
Species	rat		
Source	Manufacturer		
Comments	Analogous to product with a similar composition.		

**Acute inhalational toxicity**

No data available

**Skin corrosion/irritation**

**No Product Name**

**1 Clear Gel B**

Species	rabbit		
Source	Manufacturer		
Comments	Analogous to a product with a similar composition.		
Evaluation	No irritant effect.		

**Serious eye damage/irritation**

**No Product Name**

**1 Clear Gel B**

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Species	rabbit
Source	Manufacturer
Comments	Analogous to product with a similar composition.
Evaluation	No irritant effect.

Respiratory or skin sensitisation	
No	Product Name
1	Clear Gel B
Route of exposure	Skin
Species	guinea pig
Method	Buehler
Source	Manufacturer
Comments	Analogous to product with a similar composition.
Evaluation	non-sensitizing

Germ cell mutagenicity	
No	Product Name
1	Clear Gel B
Method	OECD 471
Source	Manufacturer
Comments	Analogous to product with a similar composition.
Evaluation	negative

Reproduction toxicity
No data available

Carcinogenicity
No data available

STOT - single exposure
No data available

STOT - repeated exposure
No data available

Aspiration hazard
No data available

**11.2 Information on other hazards**

**Endocrine disrupting properties**

No data available.

**Other information**

No data available.

**SECTION 12: Ecological information**

**12.1 Toxicity**

Toxicity to fish (acute)
No data available

Toxicity to fish (chronic)
No data available

Toxicity to Daphnia (acute)
No data available

Toxicity to Daphnia (chronic)
No data available

Toxicity to algae (acute)

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No data available
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<b>Toxicity to algae (chronic)</b>
No data available

<b>Bacteria toxicity</b>
No data available

**12.2 Persistence and degradability**

<b>Biodegradability</b>	
<b>No</b>	<b>Product Name</b>
1	Clear Gel B
Comments	The product is not biodegradable.

**12.3 Bioaccumulative potential**  
No data available.

**12.4 Mobility in soil**  
No data available.

**12.5 Results of PBT and vPvB assessment**  
No data available.

**12.6 Endocrine disrupting properties**  
No data available.

**12.7 Other adverse effects**  
No data available.

**12.8 Other information**

<b>Other information</b>
The product should not be allowed to enter drains or water courses.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**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.  
dispose of in accordance with local regulation.

**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.

**SECTION 14: Transport information**

**14.1 Transport ADR/RID/ADN**

The product is not subject to ADR/RID/ADN regulations.

**14.2 Transport IMDG**

The product is not subject to IMDG regulations.

**14.3 Transport ICAO-TI / IATA**

The product is not subject to ICAO-TI / IATA regulations.

**14.4 Other information**

No data available.

**14.5 Environmental hazards**

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

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**14.6 Special precautions for user**

No data available.

**14.7 Maritime transport in bulk according to IMO instruments**

Not relevant

**SECTION 15: Regulatory information**

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

**EU regulations**

**Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

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

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

**Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances subject to restriction as listed in Annex XVII of the REACH regulation (EC) 1907/2006.

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances**

This product is not subject to Part 1 or 2 of Annex I.

**Other regulations**

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

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out for this mixture.

**SECTION 16: Other information**

**Sources of key data used to compile the data sheet:**

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

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

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 section.

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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