

EU safety data sheet

Trade name: Clear Gel A

Product no.: F5

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 A

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

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Information provided by / telephone

+49 (0)7741 6007-0

Advice on Safety Data Sheet

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

Change contaminated, saturated clothing. In case of persisting adverse effects, consult a physician.

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). Get medical attention if pain still persists.

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: Carbon monoxide and carbon dioxide; not combusted hydrocarbons

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

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

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No data available

Boiling point / boiling range

No data available

Melting point/freezing point

No data available

Decomposition temperature

No data available

Flash point

Value	>	200	°C
Method	DIN ISO 2592		
Source	Manufacturer		

Ignition temperature

Value	>	400	°C
Method	DIN EN 14522		
Source	Manufacturer		

Flammability

No data available

Lower explosion limit

No data available

Upper explosion limit

No data available

Vapour pressure

No data available

Relative vapour density

No data available

Relative density

No data available

Density

Value	0.97	g/cm ³
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

Partition coefficient n-octanol/water (log value)

No data available

Viscosity

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

Particle characteristics

No data available

9.2 Other information

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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 if stored and handled properly.

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 A		
ATE (Mixture)	>	2000	mg/kg
Species	rat		
Source	Manufacturer		

Acute dermal toxicity			
No	Product Name		
1	Clear Gel A		
LD50	>	2000	mg/kg
Species	rabbit		
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 A		
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 A		
Species	rabbit		
Source	Manufacturer		
Comments	Analogous to product with a similar composition.		
Evaluation	No irritant effect.		

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Respiratory or skin sensitisation

No	Product Name
1	Clear Gel A
Route of exposure	Skin
Species	guinea pig
Source	Manufacturer
Comments	Analogous to product with a similar composition.
Evaluation	non-sensitizing

Germ cell mutagenicity

No	Product Name
1	Clear Gel A
Species	bacteria
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)
No data available

Toxicity to algae (chronic)
No data available

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Bacteria toxicity
No data available

12.2 Persistence and degradability

Biodegradability	
No	Product Name
1	Clear Gel A
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

Other information
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.

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

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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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Prod-ID 704266