

**Safety data sheet pursuant to ordinance
(EC) No. 453/2010
(EC) No. 1907/2006 (REACH)**

Print date: 02/03/2016

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Revised:03.08.2015

Cimco-Werkzeugfabrik
Carl Jul. Müller GmbH & Co. KG

1. DESIGNATION OF THE MATERIAL OR MIXTURE AND COMPANY NAME

1.1 Product identifier

Product name Alpa Gel Cimco –B Art. No. **151010 / 151012 / 151014**
Trade name Alpa Gel Cimco –B Art. No. **151010 / 151012 / 151014**
CAS No.
EC No.

1.2 Relevant identified use of material or mixture and uses that are not advisable

Recommended
limitations of the
application

Use of the
material/mixture Electrical and electronics industry

1.3 Details on the supplier who is making the safety data sheet available

Company Cimco Werkzeugfabrik Carl Jul. Müller GmbH & Co. KG
Hohenhagener Straße 1 - 5
D-42855 Remscheid, Germany
+49 (0) 21913718-01 Fax: +49 (0) 21913718-86

1.4 Emergency number **Emergency CONTACT (24-Hour-Number)**
GBK GmbH +49 (0)6132-84463

2. POSSIBLE HAZARDS

2.1 Classification of the material

- **Classification in accordance with the directive (EC) No. 1272/2008 [CLP/GHS]**
Not a hazardous substance or hazardous admixture in accordance with the directive (EC) No. 1272/2008.

2.2 Label elements

- **Labelling according to directive (EC) No. 1272/2008 [CLP/GHS]**
Not a hazardous substance or hazardous admixture in accordance with the directive (EC) No. 1272/2008.

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2.3 Other dangers

According to our current knowledge, the product – in accordance with Annex XIII of the directive (RG) No. 1907/2006 (REACH) – contains no persistent, bioaccumulative or toxic substances (PBT substances) or very persistent or very bioaccumulative substances (vPvB substances).

3. COMPOSITION / INFORMATION ON COMPONENTS

Chemical characterisation: Addition-curing silicon polymer, contains hydrogen-functional polysiloxane.
Note: No hazardous constituents according to ordinance (EC) No. 1907/2006.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General information	Remove dirty, saturated clothing immediately.
After inhaling	Move the affected person into the fresh air. In the event of complaints, seek medical assistance.
After skin contact	In the event of skin contact, wash off with soap and water. In the event of long-term skin irritation, consult doctor.
After swallowing	Do not induce vomiting. Seek medical assistance. Rinse mouth with water.
After eye contact	After eye contact, rinse with water for at least 15 minutes and remove contact lenses, if present. Consult a doctor.

4.2 Important symptoms and effects which are acute or occur with a delay

No information is available.

4.3 Indication of any immediate medical attention and special treatment needed

No information is available.

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5. FIREFIGHTING MEASURES

5.1 Extinguishing agents

Suitable extinguishing agents Foam, extinguishing powder, carbon dioxide, water mist

Unsuitable extinguishing agents Full water jet, alkaline powder extinguishing agent

5.2 Particular risks associated with the material or mixture

In case of fire, hazardous decomposition products can occur.
During a fire, the following substances could be released: carbon oxide, silicon dioxide.

5.3 Information on fire fighting

Special protective equipment for firefighting:

In the presence of combustion or carbonization gases, any firefighting, rescue and clearing up activities should be undertaken only with heavy-duty respiratory protection.

Further information:

To cool sealed containers, use a water spray. Do not inhale smoke, gases from fire and vapours. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. MEASURES IN THE EVENT OF ACCIDENTAL RELEASE

6.1 Person-related safety precautions, protective equipment and procedures to be followed in emergencies

Use personal protective clothing.
Keep ignition sources away.
Dirty surfaces become extremely slippery.

6.2 Environmental protection measures

Prevent the product from entering the drain system, water courses, or soil. Pay attention to local official regulations.

6.3 Methods and material for containment and cleaning

Soak up with liquid absorbing material (e.g. sand, silica gel, acid binding agent, universal binder, sawdust). Do not use alkaline chemical binders. Clean soiled areas thoroughly. Dispose of in accordance with local authority regulations.

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6.4 References to other sections

Safe handling: see section 7
Disposal: see section 13
Personal protective equipment: see section 8

7. HANDLING AND STORAGE

7.1 Safety measures for safe handling

Information on safe handling	Avoid the formation of aerosol. Ensure adequate ventilation and/or extraction in the work rooms. Because of the danger of decomposition, keep away from contamination of all kinds (esp. heavy metal ions) and alkalis. Do not close containers gas-tight.
Hygiene measures	Do not smoke, eat, drink or sniff while working. Wash hands before breaks and after finishing work.
Information on fire and explosion protection	Only use in well ventilated areas. Take measures to protect against electrostatic charges. Avoid exposure to heat. Keep away from ignition sources – Do not smoke. Product can release hydrogen. To cool sealed containers, use a water spray.

7.2 Conditions for safe storage taking incompatibilities into consideration

Storage requirements	Always store in containers equivalent to the original containers. Store cool and dry. Close containers gas-tight. Only store in containers with gas-release valves. Suitable material for containers and pipelines: plastic, coated steel. Unsuitable material for containers and pipelines: non-coated metals.
Information on storage with other products	Incompatible with oxidizing agents. Incompatible with acids and alkalis. Because of the danger of decomposition, keep away from contamination of all kinds (esp. heavy metal ions) and alkalis.
Further information on storage conditions	Store cool and dry. Protect from humidity and water.
Storage class	10 Flammable liquids, unless storage class 3

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7.3 Specific end use

See section 1.2

8. LIMITATION AND MONITORING OF EXPOSURE / PERSONAL PROTECTIVE EQUIPMENT

8.1 Limit values

Does not contain substances with workplace threshold values.

8.2 Limiting and monitoring exposure

Technical protection measures

Ensure adequate ventilation and/or extraction in the work rooms.

Personal protective equipment

General protective and hygiene measures

The usual safety measures for handling chemicals needs to be adhered to.

Do not inhale vapour/aerosol

Keep away from food, drink and animal feed. Do not smoke, eat or drink while working. Avoid contact with the eyes and skin.

Wash hands before a break and after finishing work. Remove dirty, saturated clothing immediately.

Respiratory protection

Wear respiratory protection in inadequately ventilated workplaces and when spraying the product.

Recommended filter type: combination filter A/P

Hand protection

Fluorinated rubber

Protection index class 2

Penetration time: 30 - < 60 min

Glove thickness: > 0.7 mm

The breakthrough times determined according to EN 374 Part III are not tested under practical conditions. We therefore recommend a maximum wearing time of 50% of the breakthrough time. Selection of a suitable glove depends not only on the material but also on other quality features and varies from one manufacturer to another.

Eye protection

Safety glasses

Personal protection

Protective clothing

Limiting and monitoring environmental exposure

Prevent the product from entering the drain system, water courses, or soil.

Pay attention to local official regulations.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on the basic physical and chemical properties

Form	viscous
Colour	orange
Odour	odourless
Steam pressure	< 100 hPa 20 °C
Relative density	0.98 g/cm ³ 20 °C
Boiling point	- na -
Melting point / Freezing point	- na -
Explosive properties	UEL: 74 vol-% hydrogen LEL: 4 vol-% hydrogen
Self-ignition temperature	400 °C hydrogen
Ignition point	> 100 °C
Flammability	- na -
Oxidizing properties	- na -
Solubility in / miscibility with	- na -
Ignition temperature	- na -
Solvent content	- na -
Solids content	- na -

9.2 Other information

No information is available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under the stated storage conditions.

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10.2 Chemical stability

Stable under normal conditions.

10.3 Possible hazardous reactions

Product can release hydrogen. Exothermal hazard potential.

10.4 Conditions to be avoided

Keep away from heat and ignition sources.

10.5 Incompatible materials

Incompatible with oxidation agents, alcohols, aldehydes, acids and alkalis. Because of the danger of decomposition, keep away from contamination of all kinds (esp. heavy metal ions) and alkalis.

10.6 Dangerous decomposition processes

Hazardous decomposition products: hydrogen
Thermal decomposition: > 200 °C

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

	Value/Evaluation	Species	Method	Note
Skin irritation	irritant			Prolonged skin contact can cause skin irritation.
Eye irritation	irritant			Contact with eyes can cause irritation.
Sensitisation skin	not sensitising			No known sensitising effect.

Practical experience

No information is available.

General comments

No information is available.

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12. ENVIRONMENTAL INFORMATION

12.1 Toxicity

No information is available.

12.2 Persistence and degradability

The product floats on water and does not dissolve. It can be mechanically separated in sewage plants.

12.3 Bio accumulation potential

No bio accumulation.

12.4 Mobility in the soil

After release: adsorbs on soil.

12.5 Results of PBT and vPvB assessment

PBT Not applicable

vPvB Not applicable

12.6. Other harmful effects

As the product is not water-soluble, it is not possible to determine the ecological data, e.g. biological capacity for elimination, COD and BOD values by analysis. According to our current knowledge, the product does not contain heavy metals and compounds according to EC directive 2000/60/EC.

13. INFORMATION ON DISPOSAL

Product Dispose of in accordance with local authority regulations.

Waste code

Waste marked with an asterisk (*) are classed as hazardous waste according to Directive 2008/98/EC on hazardous waste.

Unclean packaging Pay attention to local and official regulations.

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14. INFORMATION ON TRANSPORT

	ADR/RID	IMDG	IATA-DGR
14.1 UN number	Not hazardous goods	Not hazardous goods	Transport not permissible
14.2 Proper UN shipping name	Not hazardous goods	Not hazardous goods	Transport not permissible
14.3 Transport hazard class	-	-	-
14.4 Packaging group	-	-	-
14.5 Environmental hazards	Not hazardous goods	Not hazardous goods	Transport not permissible

14.6 Special preventive measures for the user

No information is available.

14.7 Bulk transport according to Appendix II of the MARPOL agreement 73/78 and according to the IBC code

Not applicable

15. STATUTORY REGULATIONS

15.1 Regulations on safety, health and environmental protection / specific legal regulations for the material or the mixture

Water hazard class 1 VwVwS Appendix 4
slightly water hazardous

Other regulations

The product is classified and marked pursuant to EC Directives or the relevant national laws.

15.2 Chemical safety assessment

A chemical safety assessment is not necessary for this substance.

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16. OTHER INFORMATION

Further information

National special provisions need to be implemented by each user on their own responsibility!

The information given is based on our current level of knowledge and serves to describe the product in terms of the safety precautions to be taken. It does not represent an assurance of properties of the product described.

Please pay attention to additional information! - Our safety data sheets have been prepared according to the valid EU guidelines WITHOUT taking into consideration any special national regulations regarding handling hazardous materials and chemicals.