

**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:24.07.2015

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

1. DESIGNATION OF THE MATERIAL OR MIXTURE AND COMPANY NAME

1.1 Product identifier

Product name Silicon – transparent, white, grey Art. No. **151260 / 151262 / 151264**
Trade name Silicon – transparent, white, grey Art. No. **151260 / 151262 / 151264**
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 1-Component adhesives and sealants, permanently elastic

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]**
The mixture has been classified as non-hazardous within the meaning of regulation (EC) No. 1272/2008 [CLP].

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2.2 Label elements

- **Labelling according to directive (EC) No. 1272/2008 [CLP/GHS]**

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No information is available.

2.3 Other dangers

Results of the PBT and vPvB assessment

- **PBT:** The materials in the mixture do not meet the PBT/vPvB criteria according to REACH, Appendix XIII.
- **vPvB:** not applicable

3. COMPOSITION / INFORMATION ON COMPONENTS

Sealing substances

3.2 Hazardous constituents

Constituents	EC No.	CAS No.	Concentrate [% by weight]
Hydrocarbons, C13-C16, n-alkanes, isoalkanes, cyclic compounds, <0.03% aroma substances			> 10 Asp. Tox. 1, H304
Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclic compounds, <0.03% aroma substances			> 10 Asp. Tox. 1, H304

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4. FIRST AID MEASURES

4.1 Description of first aid measures

General information

Remove dirty, saturated clothing immediately.

After inhaling

Ensure there is 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 attention if symptoms persist.
Rinse mouth thoroughly with water.

After eye contact

In the event of contact with the eyes, rinse thoroughly with lots of water and 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.

5. FIREFIGHTING MEASURES

5.1 Extinguishing agents

Suitable extinguishing agents

alcohol-resistant foam, extinguishing powder, carbon dioxide, water spray

Unsuitable extinguishing agents

Direct water jet

5.2 Particular risks associated with the material or mixture

In the event of a fire, it is possible that hazardous gases may be formed.

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Sulphur oxides

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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:

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

Ensure sufficient ventilation.
Use personal protective clothing.

6.2 Environmental protection measures

Do not allow to enter the sewage system or ground water.
Do not allow to enter sewage system / surface water / ground water.

6.3 Methods and material for containment and cleaning

Remove in line with regulations.
Soak up with liquid absorbing material (e.g. diatomaceous earth).

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

Ensure good room ventilation, extraction at the workplace where necessary.

The usual regulations for handling chemicals needs to be adhered to.

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General protection measures	Do not breathe in vapours. Avoid contact with the eyes and skin.
Hygiene measures	Do not eat, drink or smoke while working. Wash hands before breaks and after finishing work.
Information on fire and explosion protection	Keep away from ignition sources – Do not smoke. Protect from heat and direct sunlight. Pay attention to the general rules for preventative operational fire protection.

7.2 Conditions for safe storage taking incompatibilities into consideration

Storage requirements	Absolutely avoid penetration into the soil.
Information on storage with other products	Do not store with oxidizing agents.
Further information on storage conditions	Protect against heat and direct sunlight. Keep container dry and in a cool, well-ventilated place. Protect from heat / overheating.
Storage class	2B

7.3 Specific end use

See section 1.2

8. LIMITATION AND MONITORING OF EXPOSURE / PERSONAL PROTECTIVE EQUIPMENT

8.1 Limit values

CAS No.	Designation	Type	[mg/m ³]	[ppm]	Peak limit	Note
64-19-7	Acetic acid	8 hours	25	10	2(l)	DFG, EU, Y

Additional information

National and local legal provisions must be adhered to.

8.2 Limiting and monitoring exposure

Personal protective equipment

General protective and hygiene measures	The usual regulations for handling chemicals needs to be adhered to. Do not breathe in dust/smoke/mist. Keep away from food, drink and animal feed. Do not smoke, eat or drink while working. Avoid contact with the
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	eyes and skin. Wash hands before a break and after finishing work.
Respiratory protection	Respiratory protection in the event of insufficient extraction or prolonged exposure. Briefly filtration device, Filter A
Hand protection	The type of chemical protection gloves is to be selected according to the concentration and quantity of hazardous materials at the specific workplace.
Eye protection	Tight fitting safety glasses.
Personal protection	Protective workwear.
Limiting and monitoring environmental exposure	Sufficient ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on the basic physical and chemical properties

Form	pasty
Colour	various
Odour	Acetic acid
Steam pressure	- na -
Relative density	0.9 g/cm ³ 20 °C
Boiling point	- na -
Melting point / Freezing point	- na -
Explosive properties	- na -
Self-ignition temperature	The product is not spontaneously combustible.
Ignition point	> 100 °C
Flammability	- na -
Oxidizing properties	- na -

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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

No information is available.

10.2 Chemical stability

No information is available.

10.3 Possible hazardous reactions

Oxidation agents, strong

10.4 Conditions to be avoided

Avoid exposure to heat.

10.5 Incompatible materials

Reaction with strong oxidizing agents.

10.6 Dangerous decomposition processes

Carbon monoxide
Carbon dioxide
Irritant gases / vapours
Hazardous decomposition products
Sulphur oxides (SO_x)

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11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

	Value/Evaluation	Species	Method	Note
LD50 acute oral	> 5000 mg/kg	Rat	OECD 401	Calculated from individual components..
LD50 acute dermal	> 3160 mg/kg	Rabbit	OECD 402	Calculated from individual components..
LC50 acute for inhalation	> 5266 ml/m ³ (4h)	Rat	OECD 403	Calculated from individual components..
Skin irritation	not irritating			
Eye irritation	not irritating			
Sensitisation skin	not sensitising			

Subacute toxicity carcinogenicity

	Value	Species	Method	Evaluation
Mutagenicity				There are no experimental indications of genotoxicity in vitro.
Carcinogenicity				none

Practical experience

Frequent and prolonged contact with the skin can dry out the skin, which can lead to skin complaints and inflammation (dermatitis).

General comments

The product is to be handled with the care usual when handling chemicals.
Other hazardous characteristics can not be ruled out.

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12. ENVIRONMENTAL INFORMATION

12.1 Toxicity

	Value/Evaluation	Species	Method	Note
Fish	LC50 > 1028 mg/l (96 h)	Scophthalmus maximus	OECD 203	Experimental value
Alge	EC50 > 10000 mg/l (72 h)	Skeletonema costatum	ISO/DIS 10253 (1988)	Experimental value
Bacteria	EC50 > 100 mg/l (3 h)	Activated sludge	OECD 209	Experimental value

12.2 Persistence and degradability

	Value/Evaluation	Species	Method	Note
Biological degradability	74% (28d) Experimental value		OECD 306	Easily biodegradable

12.3 Bio accumulation potential

Not applicable

12.4 Mobility in the soil

No information is available.

12.5 Results of PBT and vPvB assessment

PBT	Not applicable
vPvB	Not applicable

12.6. Other harmful effects

Do not allow uncontrolled release of the product into the environment.
The product must not enter any bodies of water or the sewage system or water treatment plants respectively.
The product must not enter water systems.

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13. INFORMATION ON DISPOSAL

Recommendation	Disposal according to the local official regulations.
Product	Dispose of in accordance with local authority regulations.
Waste code	08 04 10 Adhesive and sealant wastes with th exception of those which fall under 08 04 09. 15 01 02 packaging made of plastic.

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

Unclean packaging	Dispose of in accordance with local authority regulations.
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14. INFORMATION ON TRANSPORT

	ADR/RID	IMDG	IATA-DGR
14.1 UN number	-	-	-
14.2 Proper UN shipping name	-	-	-
14.3 Transport hazard class	-	-	-
14.4 Packaging group	-	-	-
14.5 Environmental hazards	-	-	-

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

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15. STATUTORY REGULATIONS

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

VOC guideline

Note

Daten separat anfragen / Request data separately.

National regulations

Information on employment restrictions

The national laws regarding employment restrictions are to be observed.

Water hazard class 1 VwVwS Appendix 4
Slightly water hazardous

Incident ordinance: Incident ordinance, Appendix I: not mentioned.

15.2 Chemical safety assessment

A chemical safety assessment for materials in this mixture have not been carried out.

16. OTHER INFORMATION

Recommended use and restrictions

Existing national and local laws regarding chemicals are to be observed.
Nur für den gewerblichen Gebrauch. / For industrial use only.

Further information

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.

H304 Can be fatal if swallowed or if it enters the respiratory tract.