

**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:22.07.2015

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

1. DESIGNATION OF THE MATERIAL OR MIXTURE AND COMPANY NAME

1.1 Product identifier

Product name Assembly adhesive white, grey Art. No. **151154 / 151156**
Trade name Assembly adhesive white, grey Art. No. **151154 / 151156**
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]**

Resp. Sens. 1	H334
Skin Sens. 1	H317
Carc. 2	H351

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2.2 Label elements

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



GHS08

Signal word:

Hazard

Hazard information:

H317 Can cause allergic skin reactions.
H334 If inhaled, can cause allergies, asthma-type symptoms or respiratory difficulties.
H351 Probably carcinogenic.

Safety information:

P102 Keep out of reach of children.
P201 Obtain special instruction before using.
P202 Read and understand all safety information before using.
P261 Avoid breathing in dust/smoke/gas/mist/vapour/aerosol.
P272 Do not wear contaminated work clothes outside of workplace.
P281 Use compulsory personal protective equipment.
P285 In the event of insufficient ventilation, use respiratory protection.
P302 + P352 IN THE EVENT OF SKIN CONTACT: Wash with plenty of water/soap.
P304 + P341 IF INHALED: In the event of difficulty breathing, move to fresh air and put person into a position which eases breathing.
P308 + P313 In the event of exposure or if affected: Seek medical advice / consult doctor.
P332 + P313 In the event of skin irritation: Consult a doctor/seek medical attention.
P342 + P311 In the event of respiratory symptoms: call POISON CONTROL CENTRE/doctor.
P363 Wash contaminated clothing before wearing it again.
P405 Keep locked away.
P501 Dispose of content/container as problem waste.

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2.3 Other dangers

Sensitisation may be caused by inhalation and skin contact.

- **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

Constituents	EC No.	CAS No.	Concentrate [% by weight]
Polymethylene polyphenyl isocyanate		9016-87-9	5 < 10 Carc. 2, H351 Acute Tox 4, H332 STOT RE 2, H373 Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrt. 2, H315 Resp. Sens. 1, H334 Skin Sens. 1, H317

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 assistance. 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.

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

Difficulty breathing, vomiting, headache, allergic reaction, nausea, dizziness, skin irritation.

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 Use appropriate fire fighting measures for surrounding fire.

Unsuitable extinguishing agents none

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.

Nitrous oxide (NO_x)

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Hydrochloric acid (HCl)

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.

Do not inhale gases from explosions and fire.

Further information:

Collect contaminated quenching water separately; it must not enter the sewage system.

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.

Keep people away and remain upwind.

Use personal protective clothing.

Keep ignition sources away.

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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.
Damp down gases/vapours/mist with water spray.

6.3 Methods and material for containment and cleaning

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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. Open and handle containers with care!
General protection measures	Do not breathe in vapours. Avoid contact with the eyes and skin.
Hygiene measures	Do not smoke, eat or drink while working. Wash hands before breaks and after finishing work. Remove dirty, saturated clothing immediately. Wash thoroughly after work.
Information on fire and explosion protection	Keep away from ignition sources – Do not smoke. Protect from heat and direct sunlight.

7.2 Conditions for safe storage taking incompatibilities into consideration

Storage requirements	Keep sealed in original packaging.
Information on storage with other products	Do not store with animal feed. Do not store with food.
Further information on storage conditions	Protect against sparks and flames. Keep container tightly seals and store in a cool, well-ventilated place. Protect against heat and direct sunlight.

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Recommended storage temperature: room temperature.

Storage class

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
9016-87-9	pMDI (calculated as MDI)	8 hours	0.05 E		1:=2=(I)	DFG,H,Sah,Y,12

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

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 eyes and skin. Wash hands before a break and after finishing work.

Respiratory protection

If ventilation is inadequate, wear breathing apparatus. Briefly filtration device, Filter A

Hand protection

It is recommended to clarify the chemical resistance of the above-mentioned protective gloves for special applications with the glove manufacturer.
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

Protective glasses / face protection

Personal protection

Protective workwear

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Limiting and monitoring environmental exposure

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

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on the basic physical and chemical properties

Form	pasty
Colour	light beige
Odour	characteristic
Steam pressure	- na -
Relative density	- na -
Melting point / Freezing point	- na -
Explosive properties	- na -
Self-ignition temperature	- na -
Ignition point	- na -
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.

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10. STABILITY AND REACTIVITY

10.1 Reactivity

No information is available.

10.2 Chemical stability

No information is available.

10.3 Possible hazardous reactions

No known hazardous reactions.

10.4 Conditions to be avoided

Avoid exposure to heat.

10.5 Incompatible materials

Air, humid
Water

10.6 Dangerous decomposition processes

Nitrous gases
Carbon monoxide and carbon dioxide
Hydrochloric acid (HCl)

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity/irritation/sensitisation

	Value/Evaluation	Species	Method	Note
LD50 acute oral	> 10000 mg/kg	Rat		Data refers to the main components.
LD50 acute dermal	> 5000 mg/kg	Rabbit		Data refers to the main components.
LC50 acute If inhaled	10-20 mg/l (4h)	Rat		Data refers to the main components.
Skin irritation	Slight irritant effect - no labelling			

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Eye irritation obligation
 Slight irritant effect
 - no labelling
 obligation

Sensitisation sensitising
 skin

Sensitisation of sensitising
 airways

Subacute toxicity – carcinogenic

	Value/Evaluation	Species	Method	Note
Subchronic toxicity				none
Carcinogenicity				Indications of possible carcinogenic effects in animal testing.

Practical experience

Is carcinogenic.
 Sensitisation may be caused by inhaling.
 Sensitisation may be caused by skin contact (analogous reasons).
 Prolonged skin contact with the vapours can cause skin irritation or sensitisation.

General comments

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

12. ENVIRONMENTAL INFORMATION

12.1 Toxicity

	Value/Evaluation	Species	Method	Note
Fish	LC50 > 1000 mg/l (96 h)	No data available		
Bacteria	EC50 > 100 mg/l	Activated sludge	OECD 209	

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12.2 Persistence and degradability

The product has poor biodegradability.

12.3 Bio accumulation potential

none

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 the ground water or surface water.

The product must not enter any bodies of water or the sewage system or water treatment plants respectively.

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 09* Adhesive and sealing compound waste which contains organic solvents or other hazardous materials.
15 01 10* Packaging which contains residue of hazardous substances or is contaminated by hazardous substances.

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.
Packaging materials which cannot be cleaned are to be disposed of in the same way as the substance itself.

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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

Further information on transport

Not hazardous goods within the meaning of transport regulations

15. STATUTORY REGULATIONS

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

VOC guideline

VOC content 0.5%
VOC value 7.5 g/L

National regulations:

Information on employment restrictions

Observe employment restrictions for young people.

Observe employment restrictions for pregnant women and nursing mothers.

The national laws regarding employment restrictions are to be observed.

Other regulations, limitations and prohibition ordinances

§4 ChemVerbotsV (ban on self service, mail order)

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Substances which are carcinogenic, mutagenic and toxic to reproduction (CMR)

Designation	EC No.	CAS No.	C	M	R[F] R[E] information
Techn. ("polymers") MDI (pMDI) (in the form of inhalable aerosols, A-fraction)		9016-87-9	3		b

Water hazard class 1 VwVwS Annex 4
Slightly water hazardous

Incident ordinance: Incident ordinance, Annex 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

Certificates of training

The product is only intended for industrial/professional use.

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

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.

H315	Causes skin irritation.
H317	Can cause allergic reactions.
H319	Causes serious eye irritation.
H332	Hazardous to health if inhaled.
H334	If inhaled, can cause allergy, asthma-type symptoms or difficulty breathing.
H335	May cause respiratory irritation.
H351	Can probably cause cancer (state exposure method if conclusively verified that there is no danger with any other exposure method).
H373	Can damage organs (state all affected organs) in the event of lengthy or repeated exposure (state exposure method if conclusively verified that this danger does not occur with any other exposure method).