

Safety Data Sheet
in accordance with Regulation (EC)
No. 1907/2006

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Zolleks Avto d.o.o.

AB glue Part A

Date of issue: 08/10/2014
Version: 1

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name AB glue Part A
Substance/mixture Mixture

1.2 Relevant identified uses of the substance/mixture and inadvisable uses

Identified uses: Two-component adhesive

1.3 Details of the supplier of the Safety Data Sheet

Supplier:

Zolleks Avto d.o.o.
Kidričeva cesta 97
SI-4220 Škofja Loka

Telephone: +386 4 502 07 10
Telephone: +386 4 502 07 19

E-mail address of the person responsible for drawing up the Safety Data Sheet:
info@zolleks.si

1.4 Emergency telephone number

Emergency call – Slovenia: 112

2. HAZARD IDENTIFICATION

2.1 Classification of the substance/mixture

Classification in accordance with Directive 67/548/EEC or 1999/45/EC

C; R35
Xi; R37/38, R43
Xn; R21/22
R52/53

For the full text of the R-phrases mentioned in this Section, see Section 16.

Classification in accordance with Regulation 1272/2008

Skin Irrit. 2; H315
Skin Sens. 1; H317
STOT SE 3; H335
Acute Tox. 4 *; H302
Skin Corr. 1A; H314
Aquatic Chronic 2; H411

For the full text of the H-statements mentioned in this Section, see Section 16.

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2.2 Label elements

Classification in accordance with Regulation 1272/2008

Pictograms:



Signal word: HAZARDOUS

Hazard statements:

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H411 Toxic to aquatic life with long lasting effects.

Contains: methyl methacrylate, methacrylic acid, N-cyclohexylbenzothiazole-2- sulphenamide

Precautionary statements:

P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P310 Immediately call a POISON CENTER or doctor/physician.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other hazards

Results of PBT and vPvB assessment: No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical Name	CAS ES Index	REACH Reg. No.	Content in ut. %	Classification (Directive No. 67/548)	Classification (Regulation No. 1272/2008)
Methyl methacrylate	80-62-6 201-297-1 607-035-00-6	-	40-50	F; R11 Xi; R37/38 R43	Flam. Liq. 2; H225 Skin Irrit. 2;

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					H315 Skin Sens. 1; H317 STOT SE 3; H335
Methacrylic acid	79-41-4 201-204-4 607-088-00-5	-	20-26	Xn; R21/22 C; R35	Acute Tox. 4 *; H302, H312 Skin Corr. 1A; H314
Pitch	201058-08-4 - -	-	28-30	-	-
Stabiliser	30947-30-9 250-401-1 -	-	0.2-1	-	-
Accelerator – N-cyclohexylbenzothiazole-2-sulphenamide	95-33-0 202-411-2 613-136-00-6	-	4-6	R43 N; R50/53	Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M factor=1
Initiator – bis(2-phenoxyethyl) peroxydicarbonate	41935-39-1 255-594-6 -	-	6-8	-	-

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first-aid measures

- Inhalation** Move the exposed person to fresh air. If the symptoms develop, seek medical advice.
- Skin contact** Remove contaminated clothing and shoes. Immediately wash the skin with plenty of water. Immediately seek medical attention. Wash contaminated clothing and shoes before the next use.
- Eye contact** Wash the eyes with plenty of water for at least 15 minutes. Wash the eyelids as well. Immediately seek medical attention.
- Ingestion** Do NOT induce vomiting! Give the victim two glasses of water to drink slowly. Immediately seek medical attention. Never put anything into the mouth of an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

- Inhalation** Inhalation of small quantities in normal use may cause adverse effects on health.
- Eye contact** Moderate eye irritation. Signs/symptoms may include: redness, swelling, pain, lacrimation, impaired or blurred vision.

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Vapours from heated material may cause irritation. Signs/symptoms may include: redness, swelling, pain, lacrimation, impaired or blurred vision. Dust from cutting, grinding or other mechanical treating may cause eye irritation. Signs/symptoms may include: redness, swelling, pain, lacrimation, impaired or blurred vision.

Skin contact Causes severe skin burns. Immediately remove clothing and thoroughly wash the skin.

Ingestion Harmful if swallowed. Signs/symptoms may include: pain in the abdomen, nausea, diarrhoea and vomiting.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing agents

Suitable extinguishing agents The product is non-combustible. Carbon dioxide, powder or split water spray.

Unsuitable extinguishing agents None.

5.2 Special hazards arising from the substance or mixture

Special hazards -

Hazardous decomposition products See Section 10.

5.3 Advice for fire-fighters

Special protective equipment for fire-fighters Wear complete fire-fighter equipment: full protective clothing, helmet, insulating breathing apparatus...

Advice for fire-fighters Product is corrosive.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ventilate the area well. Do not breathe vapour or mist. Use suitable personal protective equipment. Remove all unprotected and untrained persons from the hazard area.

6.2 Environmental precautions

In case of spill of the material the user should decide – considering the quantities – whether the Information Centre should be notified.

Spill should be cleaned up by trained personnel only.

For a large spill or a spill in confined spaces provide mechanical ventilation to disperse vapours in accordance with good industrial hygiene practice. Caution! A motor could be an ignition source and could cause flammable vapours and gases in the spill area to ignite or explode.

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Place spilled material in suitable and approved containers for disposal in accordance with the regulations on hazardous waste disposal.

6.3 Cleaning up methods, materials and retention

Blot dry smaller spill with inert absorbent material. Close in appropriately labelled disposal containers.

Contain larger spills and prevent from leaking into waters or sewerage systems. Remove all sources of ignition.

People without personal protective equipment should keep at a safe distance until the cleaning is finished. Stop leakage at source.

Dispose in accordance with local/national regulations.

6.4 Reference to other sections

Personal protective equipment See Section 8.

Waste management See Section 13.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Advice for safe handling Keep out of the reach of children. Prevent contact with vapour, mist or spray. Do not breathe dust when cutting, grinding, crushing or machining. Do not breathe vapour, mist or spray. Avoid contact of the hot material with skin. When using do not eat, drink or smoke. Thoroughly wash the exposed parts with water and soap. Open the container cautiously as it may be under pressure.

7.2 Conditions for a safe storage, including any incompatibilities

Technical measures/storage conditions Store in a well-ventilated place, away from oxidising agents and acids.

7.3 Specific end uses No information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

Occupational exposure limit values for ingredients:

Methylmethacrylate, CAS: 80-62-6
MV: 210 mg/m³, 50 ppm, KTV:2, Note: Y, EU

Source: Rules on the protection of workers from the risks related to exposure to chemical substances at work (OG RS No. 102/2010)

8.2 Exposure controls

Engineering controls Use only in well-ventilated areas.
Provide good ventilation if the product is heated. When cutting, grinding, crushing or machining provide suitable local suction system.

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Version: 1**Personal protective equipment**

- General information** Thoroughly wash hands and face after work. When using this product do not eat, drink or smoke.
- Respiratory protection** Do not breathe dust when cutting, grinding, crushing or machining. Prevent breathing vapour, mist or spray. Suitable respiratory protection equipment should be chosen in accordance with concentration of hazardous components in the air.
- Hand protection** Avoid skin contact with hot material. Wear protective gloves, e.g. Nomex, to prevent thermal burns. Avoid contact with skin. Protective gloves and protective clothing should be chosen and used in accordance with exposure assessment. Consult with protective glove manufacturer for selection of appropriate compatible materials. Gloves made of the following material(s) are recommended: polyethylene/ethylene vinyl alcohol.
- Eye protection** Prevent contact with vapour, mist or spray. Recommended use: safety glasses with side shields, tight-fitting safety glasses.
- Skin and body protection** Avoid contact with skin. Protective clothing should be chosen and used in accordance with exposure assessment. Consult with protective clothing manufacturer for selection of appropriate compatible materials.

8.3. Environmental exposure controls

- General information** Not determined.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance	Liquid, clear pink
Odour	No information available
pH	No information available
Boiling point	>=95 °F [Details: MITS Data]
Flash point	No information available
Lower explosive limit	No information available
Upper explosive limit	No information available
Self-ignition temperature	No information available
Vapour density	<=27 psia [at 131.0000000000 °F] [Details: MITS Data]
Specific weight (H ₂ O=1)	1.05
HOS	0.8 g/l [Test method: tested per EPA method 24A]
Percentage of volatile substances	0.06 % weight [Test method: ASTM METHOD]
HOS less H ₂ O & without solvents	0.8 g/l [Test method: tested per EPA method 24A]
Viscosity	75000–150000 cP
Evaporation rate	No information available
Water solubility	Insoluble in water, soluble in acetone, slightly soluble in alcohol

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9.2 Other information No information available.

10. STABILITY AND REACTIVITY

- | | |
|---|--|
| 10.1 Reactivity | No information available. |
| 10.2 Chemical stability | Product is stable under normal use conditions. |
| 10.3 Possibility of hazardous reactions: | Hazardous polymerisation will not occur. |
| 10.4 Conditions to avoid | Heat generation when drying. Do not cure a quantity larger than 50 grams in a confined space to prevent a premature reaction (exothermic) with production of intensive heat and smoke. |
| 10.5 Incompatible materials | Strong acids, strong oxidising agents. |
| 10.6 Hazardous decomposition products | Burning: aldehydes, hydrocarbons, carbon monoxide, carbon dioxide, ketones, toxic vapours, gases and particles. |

11. TOXICOLOGICAL INFORMATION

- | | |
|-------------------------------|--|
| (a) acute toxicity; | Harmful if swallowed. |
| (b) Irritation | May cause an allergic skin reaction. Causes skin irritation. May cause respiratory irritation. |
| (c) Corrosivity | Causes severe skin burns and eye damage. |
| (d) Sensitization | No information available. |
| (e) Repeat dose toxicity | No information available. |
| (f) Carcinogenicity | No information available. |
| (g) Mutagenicity | No information available. |
| (h) Toxicity for reproduction | No information available. |

12. ECOLOGICAL INFORMATION

- | | |
|---|--|
| 12.1 Toxicity | Toxic to aquatic life with long lasting effects.

Product contains component (accelerator, CAS:95-33-0) classified as Very toxic to aquatic organisms: may cause long-term adverse effects in the aquatic environment. |
| 12.2 Persistence and degradability | No information available. |
| 12.3 Bioaccumulative potential | No information available. |
| 12.4 Mobility in soil | No information available. |

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12.5 Results of PBT and vPvB assessment No information available.

12.6 Other adverse effects Prevent from leaking into waters, sewerage systems and ground water.

13. DISPOSAL CONSIDERATIONS

13.1 Waste management methods

Contaminated packaging and product residues: Dispose of the unused product or packaging at an authorised collector and disposer of hazardous waste.

National regulations regarding waste:

- Decree on waste
- Decree on the management of packaging and packaging waste

14. TRANSPORT INFORMATION

- 14.1 UN number: 1760
- 14.2 UN proper shipping name: JEDKA TEKOČINA, N.D.N.(metakrilna kislina)
CORROSIVE LIQUID, N.O.S. (methacrylic acid)
- 14.3 Transport hazard classification: 3
- 14.4 Packaging group: II
- 14.5 Environmental hazard: Yes
- 14.6 Special precautions for user: See Sections 6–8
- 14.7 Transport in bulk according to Annex II of the MARPOL Convention 73/78 and the IBC Code: Not applicable.

15. REGULATORY INFORMATION

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

European Union

Regulation 1907/2006 (REACH), Directive 67/548/EEC and 1999/45/EC, CLP Regulation

Regulations in Slovenia

- Chemicals Act
- Rules on the classification, packaging and labelling of dangerous substances
- Rules on the classification, packaging and labelling of dangerous preparations
- Decree on waste
- Decree on the management of packaging and packaging waste
- Rules on the protection of workers from the risks related to exposure to chemical substances at work
- Rules on personal protective equipment used by workers at work

15.2 Chemical safety assessment Chemical safety assessment has not been made.

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Version: 1**16. OTHER INFORMATION****Source of the safety data sheet:** manufacturer's safety data sheet**List of relevant R-phrases, hazard statements, safety phrases and/or precautionary statements**

R11 Highly flammable.
R21/22 Harmful in contact with skin and if swallowed.
R35 Causes severe burns.
R37/38 Irritating to respiratory system and skin.
R43 May cause sensitisation by skin contact.
R50/53 Very toxic to aquatic organisms: may cause long-term adverse effects in the aquatic environment.
R52/53 Harmful to aquatic organisms: may cause long-term adverse effects in the aquatic environment.

H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

Date of previous issue: -**Abbreviations:**

TWA (time-weighted average): daily exposure limit value (8 h)
STEL (short-term exposure limits): limit value for short-term exposure
REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals
MV: occupational exposure limit value 8 h

The above information is based on our present knowledge and experience and relates to the product in the state in which it has been delivered. The information is to describe our product regarding safety requirements. Entries do not constitute a guarantee of the product properties in the legal sense. It is the consumer's responsibility to know and take into account the legal provisions relating to the transport and use of the product.

End of the Safety Data Sheet