

# Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 21.06.2024

Version number 4 (replaces version 3)

Revision: 21.06.2024

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

- Trade name: **Akepox Panel Adhesive 7030 Komponente B**
- Article number: 13593, 11593\_B
- UFI: HFE5-60YX-8009-PESQ

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

### Application of the substance / the mixture

Epoxy resin adhesive  
Hardening agent/ Curing agent

### 1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier: AKEMI chemisch technische Spezialfabrik GmbH  
Lechstrasse 28  
D 90451 Nürnberg
- Tel. +49(0)911-642960  
Fax. +49(0)911-644456  
e-mail info@akemi.de

### Further information obtainable from:

Laboratory

### 1.4 Emergency telephone number:

Product Safety Department AKEMI chemisch technische Spezialfabrik GmbH  
Tel. +49(0)911-64296-59  
Reachable during the following office hours:  
Monday – Thursday from 07:30 a.m. to 16:30 p.m.  
Friday from 07:30 a.m. to 13:30 p.m.

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

- Acute Tox. 4 H332 Harmful if inhaled.
- Skin Corr. 1B H314 Causes severe skin burns and eye damage.
- Eye Dam. 1 H318 Causes serious eye damage.
- Skin Sens. 1 H317 May cause an allergic skin reaction.

### 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms

The product is classified and labelled according to the CLP regulation.



GHS05 GHS07

### Signal word

Danger

### Hazard-determining components of labelling:

m-phenylenebis(methylamine)  
N-(3-(trimethoxysilyl)propyl)ethylenediamine

### Hazard statements

H332 Harmful if inhaled.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.

### Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read carefully and follow all instructions.
- P260 Do not breathe vapours.
- P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

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P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

#### 2.3 Other hazards

- Results of PBT and vPvB assessment
- PBT: Not applicable.

#### · vPvB:

1760-24-3	N-(3-(trimethoxysilyl)propyl)ethylenediamine
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#### · Determination of endocrine-disrupting properties

For information on endocrine disrupting properties see section 11.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

- Description: Mixture: consisting of the following components.

#### · Dangerous components:

CAS: 1477-55-0 EINECS: 216-032-5 Reg.nr.: 01-2119480150-50-xxxx	m-phenylenebis(methylamine) Skin Corr. 1B, H314; Eye Dam. 1, H318 Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317 Aquatic Chronic 3, H412 EUH071	12.5-25%
CAS: 1760-24-3 EINECS: 217-164-6 Reg.nr.: 01-2119970215-39	N-(3-(trimethoxysilyl)propyl)ethylenediamine Eye Dam. 1, H318 Skin Sens. 1, H317; STOT SE 3, H335 vPvB	1-5%

- Additional information: For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General information: Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- After inhalation: Supply fresh air and to be sure call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly. Immediately rinse with water.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.

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· **4.2 Most important symptoms and effects, both acute and delayed**

Headache  
Dizziness  
Dizziness  
Nausea  
Allergic reactions

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

· **5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire. In case of fire, the following can be released:  
Carbon monoxide (CO)  
Nitrogen oxides (NOx)  
During heating or in case of fire poisonous gases are produced.

· **5.3 Advice for firefighters**

· Protective equipment:

Wear fully protective suit.  
Wear self-contained respiratory protective device.  
Mount respiratory protective device.

· Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device.  
Wear protective equipment. Keep unprotected persons away.

· **6.2 Environmental precautions:**

Do not allow to penetrate the ground/soil.  
Do not allow to enter sewers/ surface or ground water.

· **6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Use neutralising agent.  
Dispose contaminated material as waste according to section 13.  
Ensure adequate ventilation.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

· Information about fire - and explosion protection:

Keep respiratory protective device available.

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**7.2 Conditions for safe storage, including any incompatibilities**· Storage:· Requirements to be met by storerooms and receptacles:

No special requirements.

· Information about storage in one common storage facility:

Store away from foodstuffs.

VCI-Konzept für die Zusammenlagerung von Chemikalien beachten.

· Further information about storage conditions:

Protect from frost.

Keep container tightly sealed.

· Storage class:

8 B

· **7.3 Specific end use(s)**

No further relevant information available.

**SECTION 8: Exposure controls/personal protection**· **8.1 Control parameters**· Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· DNELs**1477-55-0 m-phenylenebis(methylamine)**

Dermal	DNEL ( Langzeit-wiederholt)	0.33 mg/kg bw/day (ARB)
Inhalative	DNEL (Kurzzeit-akut)	0.2 mg/m <sup>3</sup> Air (ARB)
	DNEL (Langzeit-wiederholt)	1.2 mg/m <sup>3</sup> Air (ARB)

**1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine**

Oral	DNEL (Langzeit-wiederholt)	2.5 mg/kg bw/day (BEV)
Dermal	DNEL (Kurzzeit-akut)	5 mg/kg bw/day (ARB)
		17 mg/kg bw/day (BEV)
Inhalative	DNEL ( Langzeit-wiederholt)	5 mg/kg bw/day (ARB)
		2.5 mg/kg bw/day (BEV)
	DNEL (Langzeit-wiederholt)	35.5 mg/m <sup>3</sup> Air (ARB)
		8.7 mg/m <sup>3</sup> Air (BEV)

· PNECs**1477-55-0 m-phenylenebis(methylamine)**

PNEC (wässrig)	10 mg/l (KA)
	0.0094 mg/l (MW)
	0.094 mg/l (SW)
	0.152 mg/l (WAS)
PNEC (fest)	2.44 mg/kg Trockengew (BO)
	1.24 mg/kg Trockengew (MWS)
	12.4 mg/kg Trockengew (SWS)

**1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine**

PNEC (wässrig)	25 mg/l (KA)
	0.0062 mg/l (MW)
	0.062 mg/l (SW)
	0.62 mg/l (WAS)
PNEC (fest)	0.0075 mg/kg Trockengew (BO)

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0.005 mg/kg Trockengew (MWS)

0.05 mg/kg Trockengew (SWS)

- Additional information: The lists valid during the making were used as basis.
  - **8.2 Exposure controls**
  - Appropriate engineering controls No further data; see section 7.
  - Individual protection measures, such as personal protective equipment
  - General protective and hygienic measures:
    - Keep away from foodstuffs, beverages and feed.
    - Immediately remove all soiled and contaminated clothing
    - Wash hands before breaks and at the end of work.
    - Do not inhale gases / fumes / aerosols.
    - Avoid contact with the eyes.
    - Avoid contact with the eyes and skin.
  - Respiratory protection:
    - Short term filter device:
    - Filter A/P2
    - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
  - Hand protection
    - Preventive skin protection by use of skin-protecting agents is recommended.
    - After use of gloves apply skin-cleaning agents and skin cosmetics.
    - Skin protection agent recommendation for preventive skin shelter in application and combination of protective gloves:
    - STOKO EMULSION (<http://www.stoko.com>)
    - Skin protection recommendation for skin cleaning after product handling:
    - Kresto Classic (<http://debstoko.com>)
    - Skin protection agent recommendation for skin aftercare:
    - STOKO VITAN (<http://www.stoko.com>)
    - The protection gloves to be used have to comply with the specifications of the directive 89/686/EC and the directive derived decree EN374, respectively, e.g. the above listed protection glove type. The mentioned permeation times' data were generated and verified with material samples of the recommended protection glove type in the scope of laboratory analyses of the company KCL GmbH in compliance with EN374.
    - This recommendation refers exclusively to the material safety data sheet referenced product delivered by Akemi and the indicated field of application. In case of product dilution or in case of mixture with different substances or chemicals, and in condition of EN374 deviation the producer of CE-approved protection gloves must be contacted for detailed information (e.g., KCL GmbH, Germany, 36124 Eichenzell, internet: <http://www.kcl.de>).
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**Protective gloves**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- Material of gloves Butyl rubber, BR
    - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
  - Penetration time of glove material Value for the permeation: Level ≤ 6, 480 min

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The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- For the permanent contact gloves made of the following materials are suitable:

Butoject (KCL, Art\_No. 897, 898)  
Nitrile rubber, NBR  
Dermatril (Art\_No. 740, 741, 742)  
Camatril (KCL, Art\_No. 730, 731, 732, 733)  
Chloroprene rubber, CR  
Camapren (KCL, Art\_No. 720, 722, 726)  
Butyl rubber, BR

- As protection from splashes gloves made of the following materials are suitable:

Nitrile rubber, NBR  
Camatril (KCL, 730, 731, 732, 733)  
Butoject (KCL, Art\_No. 897, 898)  
Camapren (KCL, Art\_No. 720, 722, 726)  
Butyl rubber, BR

- Not suitable are gloves made of the following materials:

Leather gloves  
Strong material gloves  
Nitrile rubber, NBR

- Eye/face protection



Tightly sealed goggles

- Body protection:

Protective work clothing

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

- |   |                                   |
|---|-----------------------------------|
| · <u>Colour:</u>  | Black                             |
| · <u>Odour:</u>   | Specific type                     |
| · <u>Odour threshold:</u>   | Not determined.                   |
| · <u>Melting point/freezing point:</u>                            | Undetermined.                     |
| · <u>Boiling point or initial boiling point and boiling range</u> | Undetermined.                     |
| · <u>Flammability</u>   | Not applicable.                   |
| · <u>Lower and upper explosion limit</u>                          |                                   |
| · <u>Lower:</u>   | 1.3 Vol %                         |
| · <u>Upper:</u>   | 13 Vol %                          |
| · <u>Flash point:</u>   | Not applicable.                   |
| · <u>Auto-ignition temperature:</u>                               | 435 °C                            |
| · <u>Decomposition temperature:</u>                               | Not determined.                   |
| · <u>pH</u>   | Not determined.                   |
|   | Not applicable                    |
| · <u>Viscosity:</u>   |                                   |
| · <u>Kinematic viscosity</u>                                      | Not determined.                   |
| · <u>Dynamic at 20 °C:</u>  | 56,000 mPas                       |
| · <u>Solubility</u>   |                                   |
| · <u>water:</u>   | Not miscible or difficult to mix. |
| · <u>Partition coefficient n-octanol/water (log value)</u>        | Not determined.                   |
| · <u>Vapour pressure:</u>   | Not determined.                   |
| · <u>Density and/or relative density</u>                          |                                   |
| · <u>Density at 20 °C:</u>  | 1.8 g/cm <sup>3</sup>             |
| · <u>Relative density</u>   | Not determined.                   |

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· Vapour density	Not determined.
<b>· 9.2 Other information</b>	
· Appearance:	
· Form:	Pasty
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Solvent content:	
· Organic solvents:	0.0 %
· Solids content:	88.1 %
· Change in condition	
· Evaporation rate	Not determined.

· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

**SECTION 10: Stability and reactivity**

· <b>10.1 Reactivity</b>	No further relevant information available.
· <b>10.2 Chemical stability</b>	
· Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
· <b>10.3 Possibility of hazardous reactions</b>	Strong exothermic reaction with acids.
· <b>10.4 Conditions to avoid</b>	No further relevant information available.
· <b>10.5 Incompatible materials:</b>	No further relevant information available.
· <b>10.6 Hazardous decomposition products:</b>	Corrosive gases/vapours

**SECTION 11: Toxicological information****· 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

· Acute toxicity Harmful if inhaled.

· LD/LC50 values relevant for classification:

**ATE (Acute Toxicity Estimates)**

Oral	LD50	4,414 mg/kg (rat)
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Inhalative LC50/4 h 6.36 mg/l (rat)

**1477-55-0 m-phenylenebis(methylamine)**

Oral	LD50	930 mg/kg (rat) (OECD 401)
	NOEL	150 mg/kg (rat)
Dermal	LD50	3,100 mg/kg (rabbit)
	Inhalative LC50/4 h	1.34 mg/l (rat) (OECD 403)
	LC50/1h	3.89 mg/l (rat)

**1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine**

Oral	LD50	2,995 mg/kg (rat)
	NOEL	≥500 mg/kg (rat) (OECD 422)
	NOAEL	≥500 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
	Inhalative LC50/4 h	1.49 mg/l (rat)

- Primary irritant effect: Do not get in eyes, on skin, or on clothing.
- Skin corrosion/irritation Causes severe skin burns and eye damage.
- Serious eye damage/irritation Causes serious eye damage.
- Respiratory or skin sensitisation May cause an allergic skin reaction.
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure Based on available data, the classification criteria are not met.
- STOT-repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard Based on available data, the classification criteria are not met.

· **11.2 Information on other hazards**

- 
- Endocrine disrupting properties

None of the ingredients is listed.

**SECTION 12: Ecological information**· **12.1 Toxicity**

- 
- Aquatic toxicity:

**1477-55-0 m-phenylenebis(methylamine)**

EC50/24h	35.1 mg/l (daphnia magna)
EC50/48h	15.2 mg/l (daphnia magna) (OECD 202)
EC50/30min	>1,000 mg/l (BES)
NOEC/21d	4.7 mg/l (daphnia magna) (OECD 211)
EC50/72h	12 mg/l (Scenedesmus subspicatus)
	32.1 mg/l (selenastrum capricornutum) (OECD 201)
LC50/96h	>100 mg/l (Oncorhynchus mykiss)
	87.6 mg/l (Oryzias latipes) (OECD 203)
	>100 mg/l (Zebrabärbling)

**1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine**

EC50	435 mg/l (Klärschlamm: Atmungs-/Vermehrungshemmung)
	67 mg/l (pseudomonas putida) (DIN 38412 part 8)
IC50/72h	8.8 mg/l (algae) (OECD 201)
EC50/48h	81 mg/l (daphnia magna)
ErC50/72h	8.8 mg/l (Pseudokirchneriella subcapitata) (OECD 201)

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EC50/16h	67 mg/l (pseudomonas putida)
NOEC	3.1 mg/kg (algae) (OECD 201) ≥1,000 mg/kg (Eisenia fetida ( Regenwürmer)) (OECD 207)
NOELR/72h	3.1 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
NOEC/21d	>1 mg/l (daphnia magna)
EC50/48h	87.4 mg/l (daphnia magna)
EC50/72h	5 mg/l (algae) 126 mg/l (Scenedesmus subspicatus)
LC50/96h	344 mg/l (Brachydanio rerio) 597 mg/l (Danio rerio.) 168 mg/l (pimephales promelas)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

· **vPvB:**

1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine

- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:** Do not allow product to reach ground water, water course or sewage system.  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
- **Recommendation** Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **European waste catalogue**

20 00 00	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01 00	separately collected fractions (except 15 01)
20 01 27*	paint, inks, adhesives and resins containing hazardous substances

- **Uncleaned packaging:**
- **Recommendation:** Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

**SECTION 14: Transport information**

- **14.1 UN number or ID number**
- **ADR, IMDG, IATA** UN2735

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**· 14.2 UN proper shipping name**· ADR

2735 POLYAMINES, LIQUID, CORROSIVE, N.O.S. (m-phenylenebis(methylamine), N-(3-(trimethoxysilyl)propyl) ethylenediamine)

· IMDG, IATA

POLYAMINES, LIQUID, CORROSIVE, N.O.S. (m-phenylenebis(methylamine), N-(3-(trimethoxysilyl)propyl) ethylenediamine)

**· 14.3 Transport hazard class(es)**· ADR· Class

8 (C7) Corrosive substances.

· Label

8

· IMDG, IATA· Class

8 Corrosive substances.

· Label

8

**· 14.4 Packing group**· ADR, IMDG, IATA

II

**· 14.5 Environmental hazards:**· Marine pollutant:

No

**· 14.6 Special precautions for user**· Hazard identification number (Kemler code):

80

· EMS Number:

F-A,S-B

· Segregation groups

(SGG18) Alkalis

· Stowage Category

A

· Segregation Code

SG35 Stow "separated from" SGG1-acids

**· 14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

· Transport/Additional information:· ADR· Limited quantities (LQ)

1L

· Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

· Transport category

2

· Tunnel restriction code

E

· IMDG· Limited quantities (LQ)

1L

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· <u>Excepted quantities (EQ)</u>	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· <u>UN "Model Regulation":</u>	UN 2735 POLYAMINES, LIQUID, CORROSIVE, N.O.S. (M-PHENYLENEBIS (METHYLAMINE)), N - (3 - (TRIMETHOXYSILYL)PROPYL)ETHYLENEDIAMINE), 8, II

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

· REGULATION (EU) 2019/1148

· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

· National regulations:

· Information about limitation of use: Employment restrictions concerning pregnant and lactating women must be observed.

Employment restrictions concerning juveniles must be observed.

· Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

· Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

· VOC EU 0.0 g/l

· **15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

· Department issuing SDS: Laboratory

· Date of previous version: 21.12.2022

· Version number of previous version: 3

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## Safety data sheet

### according to Regulation (EC) No 1907/2006, Article 31

Printing date 21.06.2024

Version number 4 (replaces version 3)

Revision: 21.06.2024

#### **Trade name: Akepox Panel Adhesive 7030 Komponente B**

##### Abbreviations and acronyms:

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RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
 ICAO: International Civil Aviation Organisation  
 ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 DNEL: Derived No-Effect Level (REACH)  
 PNEC: Predicted No-Effect Concentration (REACH)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 SVHC: Substances of Very High Concern  
 vPvB: very Persistent and very Bioaccumulative  
 ATE: Acute toxicity estimate values  
 Acute Tox. 4: Acute toxicity – Category 4  
 Skin Corr. 1B: Skin corrosion/irritation – Category 1B  
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
 Skin Sens. 1: Skin sensitisation – Category 1  
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3