

Safety data sheet according to 1907/2006/EC, Article 31

Trade name: i.MIX Komp A
Revision date: 16.01.2023
Printing date: 16.01.2023

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

1.1 Product identifier

Trade name: i.MIX Komp A

1.2 Application of the substance / the mixture Sealant/ Adhesive

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: i.GLUESYSTEMS GmbH
Heinrich-Otto-Str. 71
D-73240 Wendlingen am Neckar
+49(0) 7024 415 4920
info@i-gluesystems.com
Further information obtainable from: +49(0) 7024 415 4920
info@i-gluesystems.com

1.4 Emergency telephone number: +49(0) 551 19240 Giftnotrufnummer Göttingen 24h Mo-So

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the GB CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void
Hazard pictograms Void
Signal word Void
Hazard statements Void

Additional information:

Ensure good ventilation during application and curing.

Contains trimethoxyvinylsilane, N-(3-(trimethoxysilyl)propyl)ethylenediamine. May produce an allergic reaction.

Safety data sheet available on request.

2.3 Other hazards

During the application and curing process of the material chemicals are released as vapour (see item 11). Therefore ensure good ventilation or exhaustion if necessary.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Nicht anwendbar.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Adhesive and sealant based on silane-terminated polymers (hybrid)

Dangerous components:

CAS: 2768-02-7	trimethoxyvinylsilane	<2,5%
EINECS: 220-449-8	⚠ Flam. Liq. 3, H226; ⚠ Acute Tox. 4, H332; Skin Sens. 1B, H317	
Reg.nr.: 01-2119513215-52-xxxx	Specific concentration limit: Skin Sens. 1B; H317: C	≥ 5 %
CAS: 1760-24-3	N-(3-(trimethoxysilyl)propyl)ethylenediamine	<1%
EINECS: 217-164-6	⚠ Eye Dam. 1, H318; ⚠ Aquatic Chronic 2, H411;	
Reg.nr.: 01-2119970215-39-xxxx	⚠ Acute Tox. 4, H332; Skin Sens. 1, H317 Specific concentration limits: Eye Irrit. 2; H319: C ≥2,5 % Skin Sens. 1; H317: C ≥ 6 %	
CAS: 52829-07-9	bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate	<1%

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EINECS: 258-207-9
Reg.nr.: 01-2119537297-32-xxxx

Repr. 2, H361f; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411

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

After inhalation

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

After skin contact

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing

Do not induce vomiting; call for medical help immediately. Show container or label.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

Protective equipment:

Mount respiratory protective device.

Do not inhale explosion gases or combustion gases.

* SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up: Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections See Section 8 for information on personal protection equipment.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. see item 8: Personal protective equipment

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles: Prevent any seepage into the ground.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

CAS No. Designation of material % Type Value Unit

Additional Occupational Exposure Limit Values for possible hazards during processing:

67-56-1 methanol

WEL Short-term value: 333 mg/m³, 250 ppm

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Long-term value: 266 mg/m³, 200 ppm
Sk

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Appropriate engineering controls No further data; see item 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures The usual precautionary measures are to be adhered to when handling chemicals.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

Respiratory protection: This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e.type ABEK according to standard EN 14387) is used.

Hand protection Protective gloves.

Material of gloves 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.

Recommended glove types: nitrile rubber

Recommended thickness of the material: >0,4 mm

Penetration time of glove material Breakthrough time: 10 - 30 min

Eye/face protection Safety glasses

Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Solid.
Colour:	According to product specification
Odour:	Characteristic
Melting point/freezing point:	undetermined
Boiling point or initial boiling point and boiling range	undetermined
Lower and upper explosion limit	
Lower:	not applicable
Upper:	not applicable
Flash point:	undetermined
Decomposition temperature:	Not determined.
pH	Not determined.
Viscosity:	Not determined.
Solubility	
Water:	Not miscible or difficult to mix
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density:	see technical datasheet
Relative density	Not determined.
Vapour density	Not applicable.

9.2 Other information

Form: pasty
Auto-ignition temperature: Product is not selfigniting.
Explosive properties: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Information with regard to physical hazard classes

Aerosols Void

Flammable liquids Void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

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No decomposition if used according to specifications.
Avoid strong heating.

10.6 Hazardous decomposition products: see item 5.2

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

2768-02-7 trimethoxyvinylsilane

Oral LD50 7,100 mg/kg (rat)

Dermal LD50 3,200 mg/kg (rab)

Inhalative LC50/4 h 16.8 mg/l (rat)

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

Oral LD50 2,995 mg/kg (rat)

Dermal LD50 >2,000 mg/kg (rab)

52829-07-9 bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate

Inhalative LC50/4 h 7.7 mg/l (rat) (für Staub)

Skin corrosion/irritation Based on available data, the classification criteria are not met

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

dermal: not sensitizing

Source: test report OECD 406

Based on available data, the classification criteria are not met.

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.

Other information (about experimental toxicology):

Product hydrolyses under formation of methanol (CAS no. 67-56-1). Methanol is toxic by inhalation, in contact with skin and if swallowed. Methanol causes damage to organs. Methanol is highly flammable. Inhalation of aerosol spray may damage health.

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

* SECTION 12: Ecological information

12.2 Persistence and degradability

Other information: Product is not biodegradable.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

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 1 (German Regulation) (Self-assessment): slightly hazardous for water.

* SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Observe local by-laws.

Already cured material can be disposed of with the domestic or commercial waste. Unconsumed material (fluid, paste-like) is to dispose of as hazardous waste.

Uncleaned packaging:

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

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

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SECTION 14: Transport information

14.1 UN number or ID number ADR, ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
Transport/Additional information:	Not dangerous according to the above specifications.
UN „Model Regulation“:	Void

* 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

National regulations

Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

Details of international registration status:

Listed on or in accordance with the following inventories:

UK REACH - Europe listed

AICS - Australia not listed

DSL - Canada listed

IECSC - China not listed

ENCS - Japan not listed

NZIoC - New Zealand listed

PICCS - Philippines listed

ECL - Korea not listed

TCSI - Taiwan listed

TSCA - USA listed

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

ABSCHNITT 16: Sonstige Angaben

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.

Relevant phrases

H226 Flammable liquid and vapour.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H361f Suspected of damaging fertility.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

Abbreviations and acronyms:

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

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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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1B: Skin sensitisation – Category 1B
Repr. 2: Reproductive toxicity – Category 2
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

*** Data compared to the previous version altered.**