

NEVOFIX FIXING GLUE**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Name of product NEVOFIX FIXING GLUE

1.2 Details of the supplier of the safety data sheet

Manufacturer/distributor Nevoga s. r. o.
Evropská 505/100
671 81 Znojmo
Tel.: +49 8654 4731-3000
info@nevoga.com
www.nevoga.com

1.3 Emergency telephone number

Emergency advice Tel.: +49- (0) 89- 192 40 (emergency telephone no.)
+44 1865 407333 (Carechem 24)

Section 2: Hazards identification**2.1 Classification of the substance of 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 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

Not applicable.

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Section 3: Composition / Information on ingredients**3.1 Mixtures****Description**

Adhesive based on silane-terminated polymers (hybrid)

Dangerous components

CAS: 13822-56-5	3-(trimethoxysilyl)propylamine	<2.5%
EINECS: 237-511-5	Eye Dam. 1, H318; Skin Irrit. 2, H315	
Reg.nr.: 01-2119510159-45-xxxx	Specific concentration limit: Eye Irrit. 2; H319: C ≥ 2.5 %	
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 %	

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****In case of inhalation**

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

In case of skin contact

Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.

In case of eye contact

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

In case of 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

Special protective equipment for fire fighters

Do not inhale explosion gases or combustion gases.

Mount respiratory protective device.

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. Pick up mechanically.

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

Long-term value: 266 mg/m³, 200 ppm

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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

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Body protection

Protective work clothing.

Section 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state	Solid
Colour	According to product specification
Odour	Alcohol-like
Melting point/freezing point	Undetermined
Boiling point or initial boiling point and boiling range	Undetermined
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Flash point	Undetermined
Decomposition temperature	Not determined
pH value	Not determined
Viscosity	Not determined
Solubility	
Water	Not determined
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure	Not determined
Density	See technical datasheet
Relative density	Not determined
Vapour density	Not applicable

9.2 Other information

Form	Pasty
Auto-ignition temperature	Not determined
Explosive properties	Not determined
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:

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

10.3 Hazardous decomposition products

See item 5.2

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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:

13822-56-5 3-(trimethoxysilyl)propylamine

Oral	LD50	2,970 mg/kg (rat)
Dermal	LD50	11,300 mg/kg (rab)

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)
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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	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.

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

Section 12: Ecological information

12.1 Results of PBT and vPvB assessment

Not applicable

12.2 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.3 Other adverse effects

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.

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Section 13: Disposal considerations**13.1 Waste treatment methods****Recommendations for the product**

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.

Recommendations for packaging

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.

Section 14: Transport Information

UN number or ID number ADR, IMDG, IATA	Void
UN proper shipping name ADR, ADN, IMDG, IATA	Void
Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Void
Packing group ADR, IMDG, IATA	Void
Environmental hazards	Not applicable
Special precautions for user	Not applicable
Maritime transport in bulk according to IMO instruments	Not applicable
Transport/Additional information	Not dangerous according to the abovespecifications
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:**

AICS - Australia	Listed
DSL- Canada	Listed
IECSC - China	Not Listed
ENCS - Japan	Listed
NZIoC - New Zealand	Listed

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PICCS - Philippines	Not Listed
UK REACH - Europe	Listed
TCSI - Taiwan	Listed
ECL - Korea	Not Listed
TSCA - USA	Listed

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.

Relevant phrases

H315	Causes skin irritation.
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.

Department issuing SDS: Tel.: 0049- (0)8684- 908- 2363

Contact: Tel.: 0049- (0)8684- 908- 2363 (-4300)

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)	vPvB	very Persistent and very Bioaccumulative
IMDG	International Maritime Code for Dangerous Goods	Acute Tox. 4	Acute toxicity – Category 4
IATA	International Air Transport Association	Skin Irrit. 2	Skin corrosion/irritation – Category 2
GHS	Globally Harmonised System of Classification and Labelling of Chemicals	Eye Dam. 1	Serious eye damage/eye irritation – Category 1
EINECS	European Inventory of Existing Commercial Chemical Substances	Skin Sens. 1	Skin sensitisation – Category 1
ELINCS	European List of Notified Chemical Substances	Repr. 2	Reproductive toxicity – Category 2
CAS	Chemical Abstracts Service (division of the American Chemical Society)	Aquatic Acute 1	Hazardous to the aquatic environment - acute aquatic hazard – Category 1
LC50	Lethal concentration, 50 percent	Aquatic Chronic 2	Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
LD50	Lethal dose, 50 percent		
PBT	Persistent, Bioaccumulative and Toxic		

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All information has been prepared to the best of our knowledge and according to the current state of the art. However, Nevoga does not guarantee the accuracy and completeness of the information. Nevoga expressly reserves the right to make changes without prior notice to the customer.

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