

## SAFETY DATA SHEET

according to Regulation (EU) 2020/878 of 18 June 2020



### B-FIX Glue

Date of compilation: 24.10.2018

Revision: 09.10.2024

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

##### 1.1. Product identifier

Product name: **B-FIX Glue**

Product code: 0891 235

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

Professional: adhesive

Uses advised against: undefined

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

BISK S.A.

ul. Podleśna 19, Łubna

05-532 Baniocha, POLAND

tel. +48 22 736 46 00

fax: +48 22 750 36 20

www.bisk.pl

##### 1.4. Emergency telephone number

+48 22 736 46 00: Mon - Fri 8-16

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

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

The product is not classified as hazardous according to Regulation (EC) 1272/2008

##### 2.2. Label elements

Labeling according to Regulation (EC) No 1272/2008

**Signal word:** ---

**Pictograms:** ---

###### Hazard statements

None

###### Precautionary statements

None

###### Supplementary information

**EUH208** Contains N-(3-(trimethoxysilyl)propyl)ethylenediamine. May produce an allergic reaction.

**EUH210** Safety data sheet available on request.

##### 2.3. Other hazards

Products of hydrolysis: Under the effect of moisture the product releases butanone-2-oxime (CAS 96-29-7) which vaporises. Caution: The product can stick skin and eyelids together within seconds/minutes.

This mixture does not contain substances that meet the criteria for PBT or vPvB in accordance with Annex XIII.

There is no information about substances identified as having endocrine disrupting properties.

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**SECTION 3: Composition/information on ingredients****3.2 Mixture****Chemical nature:** a mixture

Name of substance	Identifier	Classification 1272/2008	% weight
Calcium carbonate <sup>[2]</sup>	Index -- CAS 1317-65-3 EC 215-279-6	-- --	30-<60
Titandioxid (TiO <sub>2</sub> )	Index -- CAS 1317-80-2 EC 215-282-2	-- --	1-<5
N-(3-(trimethoxysilyl)propyl)ethylenediamine	Index -- CAS 1760-24-3 EC 217-164-6	Skin Sens. 1 Eye Dam. 1 STOT SE 3	H317 H318 H335 0,5-<1,0
Silane terminated polymer	--	-- --	20-<40

**Notes**

The full meaning of the risk phrases H included in the chapter 16

<sup>[1]</sup> Specific concentration limits<sup>[2]</sup> Substances for which there are national occupational exposure limit values**SECTION 4: First aid measures****4.1. Description of first aid measures****Inhalation**

Remove person to fresh air and keep comfortable for breathing.

Ensure warmth and calm.

Provide medical assistance if necessary.

**Ingestion**

Rinse mouth. Do not induce vomiting.

If unconscious – do not give the person anything to swallow.

Provide medical assistance immediately. Transport the injured person to a hospital if necessary.

**Eye contact**

Provide medical assistance immediately.

Remove contact lenses.

Immediately rinse contaminated eyes with lukewarm water for 10-15 minutes. Avoid strong water stream - risk of cornea damage.

**Skin contact**

Remove contaminated clothing immediately.

Clean contaminated skin, wash with plenty of water, then wash with water and mild soap.

If skin irritation persists, consult a doctor.

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

No data

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

Symptomatic treatment.

First aid supplies should be available on the workplace premises.

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#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

###### Suitable extinguishing media

Fire-fighting foam, carbon dioxide CO<sub>2</sub>, fire-extinguisher powders, dispersed water  
Use appropriate extinguishing media to extinguish fires in the vicinity.

###### Unsuitable extinguishing media

Do not direct dense jets of water onto the surface of a burning product.

##### 5.2. Special hazards arising from the substance or mixture

###### Combustion products

Toxic thermal decomposition products, as well as carbon monoxide and carbon dioxide (CO<sub>x</sub>), nitrous gases may be generated during combustion.

###### Explosive mixture

Not applicable.

##### 5.3. Advice for firefighters

###### Special protective equipment for firefighters

Protective clothing against liquid and gaseous chemicals, including liquid aerosols and solid particles.  
Self-contained breathing apparatus (SCBA). Self-contained breathing apparatus

###### Additional information

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

Provide adequate ventilation. Avoid contact with eyes and skin. Wear appropriate protective equipment.  
Remove all sources of ignition. Keep all persons not equipped with personal protection equipment away.  
In case of a discharge of a significant volume of the mixture, warn its users and order all bystanders to leave the contaminated area.

##### 6.2. Environmental precautions

Prevent environmental contamination.

Protect drains.

In case of serious contamination of soil, watercourse or sewage system, notify the appropriate authorities.

##### 6.3. Methods and material for containment and cleaning up

Secure any damaged packaging.

Ventilate the area affected and avoid inhaling vapours.

Collect mechanically and with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite).

Place all contaminated mass collected in a substitute container and send it for disposal in accordance with the local regulations.

Do not rinse with water.

##### 6.4. Reference to other sections

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

###### Recommendations for handling the mixture

Provide adequate ventilation.

Avoid contact with eyes and skin.

Avoid dust formation.

Avoid breathing dust.

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#### General industrial health and safety regulations

Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

Replace contaminated clothing.

Wash contaminated clothing before reusing.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage rooms must be ventilated.

Keep container tightly closed.

Store in a dry and cool place.

Keep only in the original container.

Keep away from sunlight, as well as heat and ignition sources.

Do not store together with foodstuffs and animal feed.

Protect against moisture

Do not use before reading and understanding the precautions.

#### 7.3. Specific end use(s)

No data

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Ingredients with limit values that require monitoring at the workplace

Substance	CAS Number	Workplace exposure limit				Comments
		Long-term		Short-term		
		ppm	mg.m <sup>-3</sup>	ppm	mg.m <sup>-3</sup>	
Calcium carbonate	1317-65-3	-	10	-	-	-
inhalable dust		-	10	-	-	
respirable		-	4	-	-	

#### 8.2. Exposure controls

##### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

##### Personal protective equipment



##### Eye protection

In case of danger, use safety goggles compliant with the EN 166 standard.

##### Skin protection

##### Hand protection



Use chemical-resistant protective gloves compliant with the EN 374 standard.

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. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

##### Body Protection

Working suit protecting against chemicals.

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

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At high concentration of substance wear full protective clothing made of material resistant to liquid substance and substance vapor.

#### Respiratory protection

In case of hazard due to the mixture dust/vapours levels exceeding allowable levels in the air (e.g. due to ventilation failure), wear respiratory protection equipment

#### Environmental exposure controls

Prevent material from entering surface waters and soil.

### SECTION 9: Physical and chemical properties

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

Physical state:	Paste
Colour:	White
Odour:	Low
Melting point/freezing point:	No data available
Boiling point or initial boiling point and boiling range:	No data available
Flammability:	No data available
Lower and upper explosion limit:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	~ 7
Kinematic viscosity:	No data available
Solubility:	Hydrolytic decomposition occurs.
Partition coefficient n-octanol/water (log value):	No data available
Vapour pressure:	No data available
Density and/or relative density:	~1,45 g/cm <sup>3</sup> (25°C)
Relative vapour density:	No data available
Particle characteristics:	No data available

#### 9.2. Other information

Information with regard to physical hazard classes	No data available
Other safety characteristics	
Auto-ignition temperature:	~430°C

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The mixture is not chemically reactive if stored and used under proper conditions.

#### 10.2. Chemical stability

The mixture is chemically stable if stored and used under proper conditions.

#### 10.3. Possibility of hazardous reactions

No data

#### 10.4. Conditions to avoid

Moisture

#### 10.5. Incompatible materials

None known

#### 10.6. Hazardous decomposition products

Product of hydrolysis: butan-2-one oxime. Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150°C (302°F) by oxidation.

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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.

LD50 (oral, rat) > 2009 mg/kg

LD50 (dermal, rat) > 2009 mg/kg

###### 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.

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

Products of hydrolysis: Under the effect of moisture the product releases butanone-2-oxime (CAS 96-29-7) which vaporises. Suspected of causing cancer.

###### 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

There is no information about substances identified as having endocrine disrupting properties.

###### Other information

No data

#### SECTION 12: Ecological information

##### 12.1. Toxicity

###### Acute toxicity

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

##### 12.2. Persistence and degradability

No data available.

##### 12.3. Bioaccumulative potential

Biologically not degradable.

##### 12.4. Mobility in soil

Bioaccumulation is not expected to occur.

##### 12.5. Results of PBT and vPvB assessment


This mixture does not contain substances that meet the criteria for PBT or vPvB in accordance with Annex XIII.

##### 12.6. Endocrine disrupting properties

There is no information about substances identified as having endocrine disrupting properties.

##### 12.7. Other adverse effects

No data

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<b>SECTION 13: Disposal considerations</b>
<p><b>13.1. Waste treatment methods</b> Dispose of in accordance with current regulations.</p> <p><b>Product:</b> Dispose of according to regulations by incineration in a special waste incinerator.</p> <p><b>Uncleaned packaging</b> Recommendation: Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or reused. Do not discharge into drains, sewage systems or surface waters.</p>

<b>SEKCJA 14: Transport information</b>																
<table border="0"> <tr> <td style="width: 70%;"><b>14.1. UN number or ID number</b></td> <td style="text-align: right;"><b>ADR/RID</b></td> </tr> <tr> <td><b>14.2. UN proper shipping name</b></td> <td style="text-align: right;">No data</td> </tr> <tr> <td><b>14.3. Transport hazard class(es)</b></td> <td style="text-align: right;">No data</td> </tr> <tr> <td>Label no. :</td> <td style="text-align: right;">No data</td> </tr> <tr> <td><b>14.4. Packing group</b></td> <td style="text-align: right;">No data</td> </tr> <tr> <td><b>14.5. Environmental hazards</b></td> <td style="text-align: right;">No</td> </tr> <tr> <td><b>14.6. Special precautions for user</b></td> <td style="text-align: right;">Not available</td> </tr> <tr> <td><b>14.7. Maritime transport in bulk according to IMO instruments</b></td> <td style="text-align: right;">Not available</td> </tr> </table>	<b>14.1. UN number or ID number</b>	<b>ADR/RID</b>	<b>14.2. UN proper shipping name</b>	No data	<b>14.3. Transport hazard class(es)</b>	No data	Label no. :	No data	<b>14.4. Packing group</b>	No data	<b>14.5. Environmental hazards</b>	No	<b>14.6. Special precautions for user</b>	Not available	<b>14.7. Maritime transport in bulk according to IMO instruments</b>	Not available
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<b>SECTION 15: Regulatory information</b>
<p><b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b></p> <ul style="list-style-type: none"> <li>– Regulation (EC) No 1272/2008 (CLP) of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (REACH).</li> <li>– REGULATION (EC) No 1907/2006 OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</li> <li>– COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)</li> </ul> <p><b>15.2. Chemical safety assessment</b> No data</p>

<b>SECTION 16: Other information</b>
<p><b>Full text of H-phrases mentioned in section 3:</b></p> <p><b>H317</b> May cause an allergic skin reaction.</p> <p><b>H318</b> Causes serious eye damage.</p> <p><b>H335</b> May cause respiratory irritation.</p> <p><b>Changes:</b> section 1 - 16</p> <p><b>Trainings</b></p>

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Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals.

#### Abbreviations and Acronyms:

CAS (Chemical Abstracts Service)

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

PP: Severe Marine Pollutant

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

#### Note to readers

The product described in the safety data sheet should be stored and used in accordance with good industrial practices and in compliance with all applicable legal regulations.

Before using this product in any new experiment or technological process, thorough material compatibility and safety testing should be carried out.

The information contained in the safety data sheet is based on the current state of knowledge and is intended to describe the product in terms of health, safety and environmental regulations. It should not be considered a guarantee of any specific product properties.

We cannot make any representations or warranties regarding the accuracy or completeness of any information provided or the quality or specifications of any products, substances or mixtures discussed herein.

The user is responsible for creating conditions for the safe use of the product and for the consequences of its misuse.