

SAFETY DATA SHEET according to Regulation (EU) 2020/878 of 18 June 2020		
B-FIX Glue		
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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 sticks 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.

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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	Index -- CAS 1317-65-3 EC 215-279-6	--	30-<60
Titandioxid (TiO ₂)	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

^[1] Specific concentration limits

^[2] 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 CO₂, 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_x), nitrous gases may be generated during combustion.

Explosive mixture

Not applicable-non-explosive.

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.

Do not inhale vapors and aerosols.

Avoid dust formation.

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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

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 ⁻³	ppm	mg.m ⁻³	
Calcium carbonate inhalable dust	1317-65-3	-	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

Complete 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.

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

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and substance vapor.

Respiratory protection

In case of hazard due to the mixture 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 ³ (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

No data

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

No data

12.7. Other adverse effects

No data

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SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Dispose of in accordance with current regulations.	
Product:	
Dispose of according to regulations by incineration in a special waste incinerator.	
Uncleaned packaging	
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.	

SEKCJA 14: Transport information	
	ADR/RID
14.1. UN number or ID number	No data
14.2. UN proper shipping name	No data
14.3. Transport hazard class(es)	No data
Label no. :	No data
14.4. Packing group	No data
14.5. Environmental hazards	No
14.6. Special precautions for user	Not available
14.7. Maritime transport in bulk according to IMO instruments	Not available

SECTION 15: Regulatory information	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
<ul style="list-style-type: none"> – 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). – 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. – 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) 	
15.2. Chemical safety assessment	
No data	

SECTION 16: Other information	
Full text of H-phrases mentioned in section 3:	
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
This information is based on the present state of our knowledge, they are no assurance of product features and shall not establish a contractual relationship.	

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Abbreviations and Acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (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

CAS Chemical Abstracts Service (division of the American Chemical Society)

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.

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.