



Safety data sheet

Eurobib Book Glue

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the registration, evaluation, approval and restriction of chemicals (REACH)

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

Release Date 22/03/2018

1.1. Product identifier

Product Name Eurobib Book Glue

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

Application Glue.

Uses advised against No specific uses advised against are identified.

1.3 Details of the supplier of the safety data sheet

Company Name Lammhults Biblioteksdesign A/S

Address Dalbækvej 1

Zip Code. 6670

City Holsted

Country Denmark

Phone +45 (0) 76 78 26 11

Fax +45 (0) 76 78 26 22

Email bci@bci.dk

Web www:bci.dk

1.4. Emergency telephone number

Emergency Phone Poison Control Hotline Denmark (+45) 82 12 12 12.

SECTION 2: Hazards identification

2.1 Classification of substance or mixture

Classification under CLP, comment The mixture does not meet the criteria for classification according to the CLP Regulation 1272/2008 / EC

2.2. Label elements

Supplemental label	EUH 210 Safety data sheet available on request. EUH 208 Contains 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one and 1,2-Benzisothiazol-3 (2H) -one. Can cause an allergic reaction.
Other labeling requirements in the EU	Contains biocide: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one, mixture (3: 1)

2.3. Other hazards

PBT / vPvB	No
Other hazards	Not known.

SECTION 3: Composition/ information on ingredients

3.2. Mixtures

Subject	Identification	Classification	Content
dipropylene	CAS No .: 27138-31-4 EC-No .: 248-258-5	Aquatic Chronic 3; H412	<2.5%
2-Butoxyethanol	CAS No .: 111-76-2 EC-No .: 203-905-0 Index no .: 603-014-00-0	Acute Tox. 4; H332; Acute Tox. 4; H312; Acute Tox. 4; H302; Eye Irrit. 2; H319; Skin Irrit. 2; H315;	<1%
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No. 220-239-6] mixture (3: 1)	CAS No .: 55965-84-9 Index no .: 613-167-00-5	Acute Tox. 3; H331; Acute Tox. 3; H311; Acute Tox. 3; H301; Skin Corr. 1B; H314; Skin Sens. 1; H317; Aquatic Acute 1; H400; M-factor 1; Aquatic Chronic 1; H410; M-factor 1;	<15 ppm
1,2-Benzisothiazol-3 (2H) -one	CAS No .: 2634-33-5 EC-No .: 220-120-9 Index no .: 613-088-00-6	Acute Tox. 4; H302; Skin Irrit. 2; H315; Eye Dam. 1; H318; Skin Sens. 1; H317; Aquatic Acute 1; H400; M-factor 1;	<150 ppm

Description of mixture	Aqueous polyvinyl acetate dispersion.
Topic, comment	Full Text for all Hazard Statements are in at point 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Fresh air.
Skin	Remove contaminated clothing. Wash the skin with soap and water.
Eyes	Rinse with water. Consult a physicianremains.
Ingestion	Drink plenty of water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

Acute symptoms and effects	May irritate eyes and skin upon drying.
Delayed symptoms and effects EF	Prolonged skin contact may cause drying of the skin.

4.3 Indication of any immediate medical attention and special treatment needed

Other information	No remark specified.
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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents	Water spray, foam, dry powder or carbon dioxide.
Unsuitable extinguishing media	In case of fire extinguisher water jet must not be used - the fire spreads through it

5.2 Special hazards arising from the substance or mixture

Fire and explosion hazards	Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Closed containers exposed to fire with water.
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5.3. Advice for firefighters

Personal protective gear	Use personal protective equipment. Used respirator.
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures	Observe precautions during p7 and 8.
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6.2. Environmental precautions

Environmental precautions	Prevent spillage from reaching watercourses or the sewage system and contaminating the soil and vegetation. If this is not possible, immediately contact the police and relevant authorities.
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6.3. Methods and materials for containment and cleaning up

Decontaminate	Absorb in vermiculite, dry sand or earth and in the container. Wash contaminated area with water.
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6.4 Reference to other sections

Other instructions	See Section 8 for personal protective equipment and section 13 for waste disposal.
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling Avoid contact with skin and eyes. Avoid inhalation of vapors / spray. Wash hands before breaks and before smoking, eating or drinking. Change contaminated clothing.

7.2 Conditions for safe storage, including any incompatibilities

Storage Store in sealed original packaging and at temperatures between 5 ° C and 25 ° C.

7.3 Specific end use

Specific areas of use For additional product information, see also technical data sheet.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Components	Identification	Type	Value
2-ButoxietanolCAS No .:	111-76-2	(TWA):	10 ppm
		Exposure limit (WEL):	50 mg / m ³
		Short limit (KGV)	50 ppm
		Short limit (KGV)	246 mg / m ³
		Note	Note: H

Control parameters, commentary DNELs / PNECs no data.

8.2 Exposure controls

Safety measures to prevent exposure

Technical measures to prevent exposure All handling to take place in well-ventilated area.

Eye / face protection

Proper eye protection Wear safety goggles if direct contact with the eyes.

Hand Protection

Suitable gloves Use protective gloves for prolonged or repeated skin contact. Gloves of nitrile rubber, PVA or Viton are recommended.

Skin protection

suitable protective clothing Wear appropriate clothing to prevent any risk of skin contact.

Respiratory

Recommended type of equipment At insufficient ventilation, use respiratory protection. When spraying: dust filter mask / respirator. P2 (dust filter fine dust).

Hygiene / Environment

Special hygienic remedies No specific hygiene procedures noted, but it is always important to have good personal hygiene, especially when working with chemicals.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical form	Liquid.
Color	White.
Odor	Low odor.
pH	Value: 4-6 Method: ISO 976
Melting point / melting point range	Comments: Not determined.
Boiling point / range	Comments: Not determined.
Flash Point	Comments: Not determined.
Evaporation rate	Comments: Not determined.
Flammability (solid, gas)	Comments: Not determined.
Flammability	Comments: Not determined.
Limit Vapor	Comments: None determined.
Pressure Vapor	Comments: Not determined.
Density	Value: ~ 1.1 g / cm ³ Temperature: 20 ° C
Partition coefficient: n-octanol / water	Comments: Not determined.
Decomposition	Comments: None determined.
temperature Viscosity	Value: ~ 20000 mPa.s Method: ISO 2555 Brookfield RV temperature: 20 ° C
Oxidizing properties	Not determined.

9.2 Other data

Other physical and chemical properties

Comments The indicated values do not always meet the specification. Specific tasks are described in the technical product data sheet.

SECTION 10: Stability and reactivity

10.1 Reactivity

Reactivity There are no known conditions that can lead to a dangerous situation.

10.2 Chemical stability

Stability Stable at normal temperatures and recommended use

10.3 Possibility of hazardous reactions

Dangerous reactions No hazardous reactions with proper storage and handling.

10.4 Conditions to avoid

Conditions to be avoided Avoid frost.

10.5. incompatible materials

Materials to avoid Avoid contact with oxidizing agents. Strong acids. Strong bases. Water reactive materials.

10.6 Hazardous decomposition products

Hazardous decomposition products During a fire, the toxic gases (CO, CO₂, NO_x).

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity Type of toxicity: Acute
effect Tested: LD50
Exposure: Oral Value:
1,746 mg / kg
Species: Rat
Comments: Data for 2-butoxyethanol.

Other information regarding health hazards

Evaluation of acute toxicity, classification Based on the available data are not met the criteria for classifying the mixture as dangerous.

Evaluation of corrosive / irritating to skin, classification Based on the available data are not met the criteria for classifying the mixture as dangerous.

Evaluation of eye damage or irritation, classification Based on the available data are not met the criteria for classifying the mixture as dangerous.

Evaluation of respiratory sensitization, classification Based on the available data are not met the criteria for classifying the mixture as dangerous.

Evaluation of skin sensitization, classification Based on the available data are not met the criteria for classifying the mixture as dangerous.

Evaluation of mutagenicity in germ cells, classification	Based on the available data are not met the criteria for classifying the mixture as dangerous.
Evaluation of carcinogenicity, classification	Based on the available data are not met the criteria for classifying the mixture as dangerous.
Evaluation of reproductive toxicity, classification	Based on the available data are not met the criteria for classifying the mixture as dangerous.
Evaluation of specific organ toxicity SE, classification	Based on the available data are not met the criteria for classifying the mixture as dangerous.
Evaluation of specific organ toxicity RE, classification	Based on the available data are not met the criteria for classifying the mixture as dangerous.
Evaluation of danger in aspiration, classification	Based on the available data are not met the criteria for classifying the mixture as dangerous

Symptoms of exposure

In case of ingestion	Not known.
In case of skin Contact	Prolonged contact may cause dry skin.
In case of inhalation	Not known.
In the case of eye	May cause temporary eye irritation.

SECTION 12: Ecological information

12.1 Toxicity

Acute aquatic, fish	Value: 3.7 mg / l Concentration of the effective dose LC50 Exposure time: 96 hours Comments: Data diprolynglykoldibensoat
Acute aquatic, algae	Type of toxicity: Other Value: 4.9 mg / l Concentration of the effective dose: EL50 Exposure time: 72 hours Species: Selenastrum capricornutum (green algae) Comments: Data dipropylene
Acute aquatic, Daph-ninth	Type of toxicity: other value: 19.3 mg / l Exposure time: 48 h Species: nymph - Daphnia Comments: Data dipropylene
Ecotoxicity	There is no data available on the preparation as such. The preparation is assessed and classified according to regulations. Is not classified as dangerous for the environment.

12.2 Persistence and degradability

Persistence and biodegradability	Not confirmed. The product is not readily biodegradable.
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12.3 Bioaccumulative potential

Bioaccumulative Not confirmed.

12.4 Mobility in soil

Mobility Not confirmed.

12.5 Results of PBT and vPvB assessment

PBT assessment results Not determined.

12.6 Other adverse effects

Other adverse effects / Comments No emissions to waste water treatment plants. The product enhances the BOD and TOC values in water bodies.

SECTION 13: Waste disposal

13.1 Waste treatment methods

Specify the appropriate methods of disposal Disposal should be in accordance with applicable regional, national and local laws. Properly emptied and cleaned packaging can be recycled.

EWC code EWC code: 080410 waste adhesives and sealants other than those mentioned in 08 04 09 Classified as hazardous waste: No

SECTION 14: Transport information

14.1. UN number

Comments not dangerous goods.

14.2 Shipping name

Comments Not regulated

14.3 Transport hazard

Comments not dangerous goods.

14.4 Packing group

Comments No dangerous goods.

14.5 Environmental hazards

Comments not dangerous goods.

14.6 Special precautions for users

Specific safety requirements for users Transport the product in closed and secure.

14.7. Transport in bulk according to Annex II of MARPOL and IBC Code

Other relevant information.

Other relevant information. No remark specified.

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

Laws and regulations Waste Ordinance (2011: 927). AFS 2015: 7th Work Environment Authority's regulations and general guidelines on exposure limits.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has been carried out No

SECTION 16: Other information

List of relevant Hazard statements / H-phrases (in sections 2 and 3)

- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H311 Toxic in contact with skin.
- H312 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H332 Harmful if inhaled.
- H400 Very toxic to aquatic organisms.
- H410 Very toxic to aquatic life with long lasting effects.
- H412 Long-term adverse effects to aquatic organisms.