

# SAFETY DATA SHEET BARTOLINE - Fast Drying Wood Glue

According to Regulation (EC) No 1907/2006 Annex II as amended by Regulation (EU) 2015/830.

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

# 1.1. Product identifier

Product name BARTOLINE - Fast Drying Wood Glue

**REACH registration notes**No REACH registration number required as this product is a mixture.

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

**Identified uses** Adhesive.

**Uses advised against** Not to be used for any other purpose than stated above.

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

**Supplier** Bartoline Limited

Barmston Close Beverley East Yorkshire HU17 0LW 01482 678710

info@bartoline.co.uk

Contact person Regulatory Compliance Manager

EU ADDRESS Bartoline Ireland Limited

Unit 3D North Point House North Point Business Park

New Mallow Road Cork T23 AT2P

Ireland

+353212066441 info@bartoline.eu

# 1.4. Emergency telephone number

Emergency telephone 01482 678710 (8.30am - 4.45pm Monday to Friday) or NHS 111 (General Public) (24 Hour

service)

# SECTION 2: Hazards identification

# 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

#### 2.2. Label elements

Hazard statements EUH208 Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-

7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic

reaction.

**Precautionary statements** P102 Keep out of reach of children.

P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/ attention.

Supplemental label information

Contains a preservative to control microbial deterioration: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) and Bronopol, May produce an allergic reaction.

#### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.

<1%

220-239-6] (3:1)

CAS number: 55965-84-9

M factor (Acute) = 100 M factor (Chronic) = 100

# Classification

Acute Tox. 3 - H301 Acute Tox. 2 - H310 Acute Tox. 2 - H330 Skin Corr. 1C - H314 Eye Dam. 1 - H318 Skin Sens. 1A - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments A non hazardous resin based polymer emulsion. No classified ingredients, or those having

occupational exposure limits, present above the levels of disclosure.

#### SECTION 4: First aid measures

# 4.1. Description of first aid measures

General information This is a non hazardous mixture and as such any ill health effects are unlikely to have been

caused by contact with this product. Get medical advice/attention if you feel unwell. If medical advice is needed, have product container or label at hand. Treat symptomatically. Show this

Safety Data Sheet to the medical personnel.

**Inhalation** Unlikely route of exposure. Due to the small packaging, the risk of inhalation is minimal. Move

affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

General first aid, rest, warmth and fresh air.

# **BARTOLINE - Fast Drying Wood Glue**

Ingestion Rinse mouth thoroughly with water. DO NOT INDUCE VOMITING! NEVER MAKE AN

UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention immediately! Provide rest, warmth and fresh air. Remove person to fresh air and keep comfortable for breathing.

Skin contact Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical

attention promptly if symptoms occur after washing.

Eye contact Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and

open eyelids wide apart. Get medical attention if irritation persists after washing.

Protection of first aiders

This is a non hazardous product and therefore no protection should be required, however

consideration should be given to other contaminants in the workplace. No specific

requirements are anticipated under normal conditions of use. First aid personnel should wear

appropriate protective equipment during any rescue.

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

**General information** See Section 11 for additional information on health hazards.

**Inhalation** No specific symptoms known.

**Ingestion** There may be soreness and redness of the mouth and throat.

**Skin contact** There may be mild irritation at the site of contact.

**Eye contact** Irritating and may cause redness and pain.

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

Specific treatments If adhesive bonding occurs, prise the skin apart slowly, working from the edge of the bonded

area. This can be eased by using warm soapy water.

# **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing

media

None known.

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

**Specific hazards** No specific precautions due to the small quantities handled.

Hazardous combustion

products

None known. Thermal decomposition or combustion may liberate carbon oxides and other

toxic gases or vapours.

# 5.3. Advice for firefighters

Protective actions during

firefighting

No specific firefighting precautions known.

Special protective equipment

for firefighters

In case of a large fire or in confined or poorly ventilated spaces, wear full fire resistant protective clothing and self-contained breathing apparatus (SCBA) with a full face-piece

operated in positive pressure mode.

## SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

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## 6.2. Environmental precautions

Environmental precautions As this product is only supplied in small quantities there is a low risk of any environmental

damage.

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

Methods for cleaning up For waste disposal, see Section 13. Absorb spillage with suitable absorbent material. Flush

contaminated area with plenty of water. Take care as floors and other surfaces may become

slippery. Collect and place in suitable waste disposal containers and seal securely.

# 6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11

for additional information on health hazards. For waste disposal, see Section 13.

# SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Avoid contact with skin and eyes. Wash

hands and any other contaminated areas of the body with soap and water before leaving the

work site. Avoid eating, drinking and smoking when using the product.

Advice on general occupational hygiene

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. Do not eat, drink or smoke when

using this product.

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

Storage precautions Protect from freezing and direct sunlight. Keep container dry. Keep in a cool, well ventilated

place. Store in accordance with local regulations.

Storage class Unspecified storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

**Usage description** Keep containers closed when not in use. Keep out of reach of children. Apply "common

sense" measures when handling this product. Always follow on pack instructions when using

this product. Where possible avoid prolonged contact with the skin.

### SECTION 8: Exposure controls/Personal protection

# 8.1. Control parameters

### Occupational exposure limits

No information on supplier MSDS and no information in HSE EH40/2005 Workplace Exposure Limits.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

According to the Suppiers MSDS this substance has no occupational exposure limit values.

**DNEL** No data available from supplier of the substances.

**PNEC** No data available from the substance supplier.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)

**DNEL** No data available from supplier of the substances.

**DMEL** No data available from the substance supplier.

**PNEC** No data available from the substance supplier.

8.2. Exposure controls

controls

Appropriate engineering

Protective engineering solutions should be implemented, and in use, before Personal

Protective Equipment (PPE) is considered.

Personal protection This product is supplied in ready to use cartridges, and when used correctly, poses very little

risk to man.

Eye/face protection Where there is a risk of splashes to the eyes it is recommended that safety glasses/goggles

approved to EN166 standard are worn.

Hand protection Although the product is not classified as a skin irritant, the wearing of gloves is recommended

> for people with sensitive skin or for prolonged or repeated use. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin. To protect hands from chemicals, gloves should comply with European Standard EN374. Wear protective gloves made of the following material: Polyvinyl alcohol

(PVA). Viton rubber (fluoro rubber).

Other skin and body

protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures Good personal hygiene procedures should be implemented. Wash promptly with soap and

> water if skin becomes contaminated. Wash after use and before eating, smoking and using the toilet. Remove contaminated clothing and wash the skin thoroughly with soap and water

after work.

Respiratory protection No specific requirements are anticipated under normal conditions of use.

Thermal hazards Not Applicable

# SECTION 9: Physical and chemical properties

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

**Appearance** Liquid. Colour White.

Odour Barely perceptible.

Odour threshold No information available.

pΗ Ready to use state. 4.0 - 6.0

Melting point Not available.

Initial boiling point and range 100 (°C)

Flash point > 93°C Not specified.

**Evaporation rate** Not available. Not available. **Evaporation factor** Flammability (solid, gas) Not available.

Upper/lower flammability or

explosive limits

Not available.

Not available. Other flammability Not available. Vapour pressure Not available. Vapour density

# **BARTOLINE - Fast Drying Wood Glue**

Relative density 1.0 - 1.15g/l

**Bulk density** Not applicable.

Solubility(ies) Soluble in water.

Partition coefficient Not available.

Not available. **Auto-ignition temperature** 

**Decomposition Temperature** Not available.

7000-15000cps Brookfield RTV 5/20 Viscosity

**Explosive properties** Not available.

Explosive under the influence

Not available.

of a flame

Oxidising properties Not available.

Comments Information declared as "Not available" or "Not applicable" is not considered to be relevant to

the implementation of the proper control measures.

9.2. Other information

Other information None.

Volatile organic compound This product contains a maximum VOC content of 19.7 g/l.

# SECTION 10: Stability and reactivity

## 10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the

prescribed storage conditions.

#### 10.3. Possibility of hazardous reactions

Possibility of hazardous

reactions

No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid Avoid frost.

10.5. Incompatible materials

Materials to avoid None known.

10.6. Hazardous decomposition products

Hazardous decomposition Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or

products vapours.

# SECTION 11: Toxicological information

# 11.1. Information on toxicological effects

**Toxicological effects** This product has low toxicity. Only large volumes may have adverse impact on human health.

Skin corrosion/irritation

Skin corrosion/irritation Based on available data the classification criteria are not met. (Mixture as a whole)

# Serious eye damage/irritation

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Serious eye damage/irritation Based on available data the classification criteria are not met. (Mixture as a whole)

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met. (Mixture as a whole)

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met. (Mixture as a whole)

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met. (Mixture as a whole)

Genotoxicity - in vivo Based on available data the classification criteria are not met. (Mixture as a whole)

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met. (Mixture as a whole)

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met. (Mixture as a whole)

Reproductive toxicity -

Based on available data the classification criteria are not met. (Mixture as a whole)

development

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met. (Mixture as a whole)

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met. (Mixture as a whole)

**Aspiration hazard** 

Aspiration hazard Based on available data the classification criteria are not met. (Mixture as a whole)

**Inhalation** The product is considered to be a low hazard under normal conditions of use. (Mixture as a

whole)

**Ingestion** No harmful effects expected from quantities likely to be ingested by accident. (Mixture as a

whole)

Skin contact The product is considered to be a low hazard under normal conditions of use. Repeated

exposure may cause skin dryness or cracking. (Mixture as a whole)

Eye contact The product is considered to be a low hazard under normal conditions of use. May be slightly

irritating to eyes. There may be mild irritation and redness. (Mixture as a whole)

Toxicological information on ingredients.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

**Toxicological effects** No information on REACH portal.

Acute toxicity - oral

ATE oral (mg/kg) 300.0

Acute toxicity - dermal

ATE dermal (mg/kg) 200.0

Acute toxicity - inhalation

ATE inhalation (vapours 2.0

mg/l)

# SECTION 12: Ecological information

**Ecotoxicity** No information on supplier MSDS.

Ecological information on ingredients.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

**Ecotoxicity** Information taken from REACH registration portal.

12.1. Toxicity

**Toxicity** Not regarded as dangerous for the environment.

Ecological information on ingredients.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

Acute aquatic toxicity

**LE(C)**<sub>50</sub>  $0.001 < L(E)C50 \le 0.01$ 

M factor (Acute) 100

Acute toxicity - fish LC₅₀, 96 hour: 0.19 mg/l, Oncorhynchus mykiss (Rainbow trout)

The value is estimated from test on similar products and derives from the suppliers

MSDS.

Acute toxicity - aquatic

invertebrates

EC<sub>50</sub>, 48 hour: 0.16 mg/l, Daphnia magna

The value is estimated from tests on similar products and derived from the suppliers

MSDS.

Acute toxicity - aquatic

plants

EC₅o, 72 hour: 0.027 mg/l, Pseudokirchneriella subcapitata

The value is estimated from tests on similar products and derived from the suppliers

MSDS.

Chronic aquatic toxicity

M factor (Chronic) 100

Chronic toxicity - fish early NOEC, 14 day: 0.05 mg/l, Oncorhynchus mykiss (Rainbow trout)

life stage

12.2. Persistence and degradability

Persistence and degradability Based on the suppliers SDS this product is expected to be biodegradable.

Phototransformation Not available.

Stability (hydrolysis) Not available.

Biodegradation Not available.

Biological oxygen demand Not available.

Chemical oxygen demand Not available.

Ecological information on ingredients.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

**Biodegradation** Considered to be rapidly degradable. Material is not readily biodegradable

according to OECD/EEC guidelines.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Bioaccumulation is unlikely. Supplier's information.

Partition coefficient Not available.

Ecological information on ingredients.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

Partition coefficient log Pow: ~ 0.401

12.4. Mobility in soil

Mobility The product is miscible with water and may spread in water systems. Readily absorbed into

soil.

Adsorption/desorption

coefficient

Not available.

Henry's law constant Not available.

Surface tension Not available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

assessment

This mixture contains no substances considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information on ingredients.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

**Results of PBT and vPvB** This substance is considered not to be PBT and vPvB. assessment

12.6. Other adverse effects

Other adverse effects None known.

# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible. The packaging

must be empty (drop-free when inverted). Dispose of waste to licensed waste disposal site in

accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods**Disposal of this product, process solutions, residues and by-products should at all times

comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Avoid dispersal of spilled material and runoff and contact

with soil, waterways, drains and sewers.

#### Waste class

When this product, in its liquid state, as supplied becomes waste it should be disposed of using the following waste code. EU Waste Code 08 04 10 - Waste adhesives and sealants other than those mentioned in 08 04 09. Empty plastic containers can be disposed of using EU Waste code 15 01 02 plastic packaging. It is usually obvious if a container is 'empty', for example a half empty tin of solidified paint is not empty, but where there is a small amount of residual material a container will not be empty if that residual material can be removed by physical or mechanical means by applying normal industry standards or processes.

This means that all reasonable efforts must have been made to remove any left-over contents from the container. This may involve for example washing, draining or scraping. The method of emptying will depend on the container and the type of material it contains.

Note: if the design of the packaging, its aperture, or the adherent nature of the material does not permit it to be emptied then it will not be a packaging waste.

If a container is not 'empty' it is not packaging waste. It should be classified on the basis of its contents and the source or activity that produced it. Part-used containers should be disposed of using waste code: EU Waste Code 08 04 10 - Waste adhesives and sealants other than those mentioned in 08 04 09. These codes have been assigned based on the actual composition of the product as supplied. If mixed with other wastes, the waste codes quoted may not be applicable.

#### SECTION 14: Transport information

#### General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

# 14.2. UN proper shipping name

Not applicable.

# 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

## 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

# 14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

# SECTION 15: Regulatory information

# 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations Control of Substances Hazardous to Health Regulations 2002 (as amended).

EH40/2005 Workplace exposure limits.

Health and Safety at Work etc. Act 1974 (as amended).

# **BARTOLINE - Fast Drying Wood Glue**

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16

December 2008 on classification, labelling and packaging of substances and mixtures (as

amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of

Chemicals (REACH) (as amended).

REGULATION (EU) No 528/2012 OF THE EUROPEAN PARLIMENT AND THE COUNCIL of 22 May 2012 concerning the making available on the market the use of biocidal products.

Labelling of 'treated articles' according to Regulation (EU) 528/2012, Article 58.

Contains: a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) May produce an allergic reaction.

Guidance Workplace Exposure Limits EH40.

Authorisations (Annex XIV Regulation 1907/2006)

No specific authorisations are known for this product.

Restrictions (Annex XVII Regulation 1907/2006)

No specific restrictions on use are known for this product.

# 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

# SECTION 16: Other information

General information When surfaces are to be prepared for painting account must be taken of the age of the

property and the possibility that lead may be present. As a working rule you should assume that this will be the case if the age of the property is pre 1960. Where possible wet flatting or chemical stripping methods should be used with surfaces of this type to avoid the formation of

lead dust.

**Training advice** The information on directions for use can be found on the product label. It is important to

ensure that anyone using this product in the workplace has been adequately trained and in particular: The use of personal protective equipment, methods of cleaning up and disposal of

waste. The basic first aid arrangements.

Revision comments DUE TO CHANGE OF CLASSIFICATION DATABASE THE REVISION NUMBERING HAS

BEEN RESET. You should therefore look at the revision date rather than the revision number

to ensure you have the most up to date version.

**Issued by** Regulatory Compliance Manager

Revision date 26/11/2018

Revision 3

Supersedes date 25/10/2016

SDS number 5895

SDS status Approved.

Hazard statements in full H301 Toxic if swallowed.

H310 Fatal in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H330 Fatal if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

 $EUH208\ Contains\ reaction\ mass\ of:\ 5-chloro-2-methyl-4-isothiazolin-3-one\ [EC\ no.\ 247-500-7]\ and\ 2-methyl-2H-isothiazol-3-one\ [EC\ no.\ 220-239-6]\ (3:1).\ May\ produce\ an\ allergic$ 

reaction.

The information contained in this data sheet is provided in accordance with the requirements of the Regulation (EC) No 1907/2006 Annex II as amended by Regulation (EU) 2015/830 and Regulation (EC) No 1272/2008 (CLP). The product should not be used for purposes other than those shown in Section 1.2. As the specific conditions of use are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this safety data sheet is based on the present knowledge and the current EU and UK Legislation. It provides guidance on health, safety and environmental aspects of the product and should not be taken as a product specification. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.