

Batten Shield

1. Identification of the product and of the company / undertaking

1.1 Product Identifier

Product Name	Rubio Wood Cream
Trade Name	Batten Shield
Product Code	-
CAS No.	Not applicable – mixture
EC No.	Not applicable – mixture
Index No.	Not applicable – mixture
REACH No.	Not applicable – mixture

1.2 Relevant identified uses (and uses advised against)

Identified Uses	Wood treatment
Advised against	Do not spray

1.3 Details of the supplier of the Safety Data Sheet

Supplier	SR Timber
Address	Nunn Brook Road, Huthwaite, Sutton-in-Ashfield, Nottinghamshire. NG17 2HU
Telephone	+44 (0) 1623 446800
Facsimile	+44 (0) 1623 440347
email	sales@sr-timber.com
Web	www.sr-timber.com

Manufacturer	Muylle Facon B.V.B.A. - Rubio Monocoat
Address	Ambachtenstraat 58, 8870 Izegem - Belgium
Telephone	+32 (0) 51 30 80 54
Facsimile	+32 (0) 51 30 99 78
email	info@rubiomonocoat.com / info-uk@rubiomonocoat.com
Web	www.rubiomonocoat.com / www.rubiomonocoatonline.co.uk

1.4 Emergency telephone number

+44 (0) 1623 446800 office hours (08:30 – 17:00 Mon-Fri)

2. Hazards Identification

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

Aquatic Chronic 3 - H412

2.1.3 Additional Information

None

2.2 Label elements

Pictogram(s)	None
Signal Word	None
Hazards	H412 - Harmful to aquatic life with long lasting effects
Precautions	P102 - Keep out of reach of children. P273 - Avoid release to the environment. P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Supplemental	EUH208 Contains 2-methylisothiazol-3(2H)-one, 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction. EUH210 Safety Data Sheet available on request.

2.3 Other Hazards

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% w/w or higher

This mixture contains no substances considered to have endocrine disrupting properties at levels of 0.1% w/w or higher

Contains a biocide to protect the product

Please use treated articles responsibly

3. Composition/Information on Ingredients

Hazardous Ingredient(s)	CAS No. / EC No. / Index No. REACH Registration No	% w/w	Classification EC 1272/2008	Hazard Pictogram
3-iodo-2-propynyl butylcarbamate	CAS 55406-53-6 EC 259-627-5 Index 616-212-00-7 01-2120762115-60-XXXX	<0.25	Acute Tox. 4; H302 Eye Dam. 1; H318 Skin Sens. 1; H317 Acute Tox. 3; H331 STOT RE 1; H372 (larynx) Aquatic Acute 1; H400 Aquatic Chronic 1; H410	GHS05 GHS06 GHS08 GHS09
M-Factor (Acute aquatic toxicity): 10 (Chronic aquatic toxicity): 1				
1,2-benzisothiazol-3(2H)-one (BIT)	CAS 2634-33-5 EC 220-120-9 Index 613-088-00-6 01-2120761540-60-XXXX	<0.05	Acute Tox. 4; H302 Acute Tox. 2; H330 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	GHS05 GHS07 GHS09
specific concentration limit: Skin Sens. 1; H317 >= 0.05 %				
2-methyl-2H-isothiazol-3-one (MIT)	CAS 2682-20-4 EC 220-239-6 Index 613-326-00-9 01-2120764690-50-XXXX	<0.0015	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 3; H311 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071	GHS05 GHS06 GHS09
specific concentration limit: Skin Sens. 1A; H317 >= 0.0015 % M-Factor (Acute aquatic toxicity): 10 (Chronic aquatic toxicity): 1				
mixture of 5-chloro-2-methyl-4-isothiazolin-3-one [EC 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1) (C(M))IT/MIT (3:1))	CAS 55965-84-9 EC 911-418-6 Index 613-167-00-5 01-2120764691-48-XXXX	<0.0015	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 2; H310 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071	GHS05 GHS06 GHS09
M-Factor (Acute aquatic toxicity): 100 (Chronic aquatic toxicity): 100				

For full text of Hazard statements see Section 16

4. First aid measures

4.1 Description of first aid measures

general	If medical advice is needed, have product container or label at hand
inhalation	Move to fresh air
skin contact	Remove contaminated clothing. Wash off with soap and plenty of water.
eye contact	Remove contact lenses where present. Keep eye wide open while rinsing
ingestion	Do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person
protection	No special measures identified

4.2 Most important symptoms and effects, both acute and delayed

general	No significant symptoms known
inhalation	May be irritation of the throat
skin contact	May be mild irritation at the site of contact
eye contact	May be irritation and redness
ingestion	May be irritation of the throat

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

5. Fire fighting measures

5.1 Extinguishing media

Suitable Water, carbon dioxide (CO₂), foam and powder.

Unsuitable No specific information available

5.2 Special hazards

Fire may liberate carbon oxides (CO) and smoke

5.3 Advice for fire fighters

Wear self-contained breathing apparatus

Prevent fire water run-off from entering the environment.

6. Accidental Release Measures

6.1 Personal Precautions

6.1.1 For non-emergency Personnel

Refer to Section 8 for personal protection details

6.1.2 For emergency responders

Refer to Section 8 for personal protection details

6.2 Environmental Precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Collect with absorbent material. Keep in suitable closed container for disposal

6.4 Reference to other sections

For personal protection see section 8.

7. Handling & Storage

7.1 Precautions for safe handling

Follow standard hygiene measures when handling chemical products

Do not spray product to avoid formation of mists/vapours

Application temperature 10°C - 30°C

Avoid direct sunlight during application

7.2 Conditions for safe storage, including any incompatibilities

Keep in cool dry conditions

Protect from frost

Use within 24 months

7.3 Specific end use(s)

Timber treatment

8. Exposure controls / personal protection

8.1 Control parameters for workplace

Component	Identifier (CAS/EC)	State	WEL 8h TWA (mg/m ³)	WEL 8h TWA (ppm)	STEL 15m (mg/m ³)	STEL 15m (ppm)
-	-	-	-	-	-	-

Derived No Effect Level (DNEL)

Contains no substances with listed DNEL

Predicted No Effect Concentration (PNEC)

Contains no substances with listed PNEC

8.2 Exposure controls

Engineering Controls

Ensure adequate general ventilation.

Personal Protective Equipment

Eye Safety glasses or goggles EN 166

Hand Chemical-resistant, impervious gloves EN 374.

Recommended: Butyl rubber/nitrile rubber gloves (0.4 mm)

Skin and body Long sleeved work clothing, long trousers

RPE Not required.

Environmental Controls

Avoid release to the environment

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Various
Odour	Characteristic
Melting Point	<0°C
Freezing Point	≈0°C
Boiling Point	≈100°C
Flash Point	>100°C
pH	8 - 9
Relative density	950 - 1050 g/l
Other properties not listed above	No data available

9.2 Other information

VOC Content	0 g/l
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10. Stability & Reactivity

10.1 Reactivity

Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction

10.2 Chemical Stability

The product is chemically stable under normal conditions of use

10.3 Possibility of hazardous reactions

Exothermic reaction in the presence of incompatible materials

10.4 Conditions to avoid

See Section 7 Handling & Storage

10.5 Incompatible materials

Oxidising agents, strongly alkaline and strongly acidic materials

10.6 Hazardous decomposition products

Fire may liberate carbon oxides (CO) and smoke

11. Toxicological information

Component	Route	Species	Test	Exposure	Value	Unit
3-iodo-2-propynyl butylcarbamate	Oral	Rat	LD ₅₀	-	1470	mg/kg
	Dermal	Rat	LD ₅₀	-	>2,000	mg/kg
	Dermal	Rabbit	LD ₅₀	-	>2,000	mg/kg
1,2-benzisothiazol-3(2H)-one (BIT)	Oral	Rat	LD ₅₀	-	597	mg/kg
	Inhalation	Rat	LC ₅₀	4h	0.4	mg/l
	Dermal	Rabbit	LD ₅₀	-	>2,000	mg/kg
2-methylisothiazol-3(2H)-one (MIT)	Oral	Rat	LD ₅₀	-	120	mg/kg
	Inhalation	Rat	LC ₅₀	4h	0.11	mg/l
	Dermal	Rat	LD ₅₀	-	242	mg/kg
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)	Oral	Rat	LD ₅₀	-	53	mg/kg
	Dermal	Rat	LD ₅₀	-	200 - 1000	mg/kg

Acute Toxicity	Not classified - based upon available information
Skin corrosion	Not classified - based upon available information
Skin irritation	Not classified - based upon available information
Serious eye damage	Not classified - based upon available information
Eye irritation	Not classified - based upon available information
Respiratory sensitisation	Not classified - based upon available information
Skin sensitisation	Not classified - based upon available information
Germ cell mutagenicity	Not classified - based upon available information
Carcinogenicity	Not classified - based upon available information
Reproductive toxicity	Not classified - based upon available information
STOT – single exposure	3-iodo-2-propynyl butylcarbamate May cause respiratory irritation
STOT – repeated exposure	Not classified - based upon available information

Aspiration toxicity Not classified - based upon available information

12. Ecological information

12.1 Toxicity

Component	Toxicity to:	Test	Exposure	Value	Unit
3-iodo-2-propynyl butylcarbamate	Daphnia (water flea)	EC ₅₀	48h	0.16	mg/l
	Salmo gairdneri (Oncorhynchus mykiss) (fish)	LC ₅₀	96h	0.067	mg/l
	Lepomis macrochirus (fish)	LC ₅₀	96h	0.23	mg/l
	Scenedesmus subspicatus (algae)	Threshold	72h	0.022	mg/l
1,2-benzisothiazol-3(2H)-one (BIT)	Daphnia (water flea)	EC ₅₀	48h	3	mg/l
	Alburnus alburnus (fish)	LC ₅₀	96h	10	mg/l
2-methylisothiazol-3(2H)-one	(fish)	LC ₅₀	48h	4.77	mg/l
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)	Daphnia (water flea)	EC ₅₀	48h	0.16	mg/l
	(algae)	EC ₅₀	72h	0.018	mg/l
	Lepomis macrochirus (fish)	LC ₅₀	96h	0.28	mg/l
	Pseudokirchneriella subcapitata (algae)	Threshold	72h	0.018	mg/l

Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

3-iodo-2-propynyl butylcarbamate - Readily biodegradable in water.

1,2-benzisothiazol-3(2H)-one - Readily biodegradable in water

12.3 Bioaccumulative potential

3-iodo-2-propynyl butylcarbamate - Slightly bioaccumulative.

BCF fish 1 3.3 – 4.5 (Cyprinus carpio)

Log Pow 2.81

1,2-benzisothiazol-3(2H)-one - Slightly bioaccumulative

BCF fish 1 1.313 - 3.162

Log Pow 1.3

2-methylisothiazol-3(2H)-one

BCF fish 1 5.75 - 48.1

Log Pow -0.486

12.4 Mobility in soil

2-methylisothiazol-3(2H)-one

Surface tension 68.8 mN/m

Log Koc -24.54

12.5 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

12.6 Endocrine disrupting properties

This mixture contains no substances considered to have endocrine disrupting properties at levels of 0.1% or higher

12.7 Other adverse effects

No data available

13. Disposal considerations

13.1 Waste treatment methods

13.1.1 Product / packaging disposal

Empty containers may retain product residues and must be disposed of in a safe way

13.1.2 Waste treatment – relevant information

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

13.1.3 Sewage disposal – relevant information

Avoid dispersal of spilled material and runoff

Avoid contact with soil, waterways, drains and sewers

13.1.4 Other disposal recommendations

European Waste Code (EWC) 03 02 05* other wood preservatives containing hazardous substances

14. Transport information

UN No. Not classified for transport

Proper shipping name	Not classified for transport
Transport hazard class	Not classified for transport
Packing group	Not classified for transport
Environmental hazards	Not classified for transport

15. Regulatory Information

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

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EU) 2020/878 amending Annex II to Regulation (EC) No 1907/2006 (REACH)

S.I. 2019 No. 758 The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019

REACH candidate SVHC list None of the substances are listed

REACH Annex XIV authorisation None of the substances are listed

REACH Annex XVII restriction Entry 3 mixture of: (C(M)IT) EC no. 247-500-7 and (MIT) EC no. 220-239-6 (3:1)

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been conducted for this mixture by the supplier

16. Other information

Pictogram(s)	GHS05 - Corrosive GHS06 - Toxic GHS07 - Exclamation GHS08 - Health hazard GHS09 - Environment
Hazards	H301 Acute Tox. 3 Toxic if swallowed. H302 Acute Tox. 4 Harmful if swallowed. H310 Acute Tox. 2 Fatal in contact with skin. H311 Acute Tox. 3 Toxic in contact with skin. H314 Skin Corr. 1C Causes severe skin burns and eye damage. H315 Skin Irrit. 2 Causes skin irritation. H317 Skin Sens. 1A May cause an allergic skin reaction. H318 Eye Dam 1 Causes serious eye damage. H331 Acute Tox. 3 Toxic if inhaled H372 STOT RE1 Causes damage to organs (Larynx) through repeated exposure H400 Aquatic Acute 1 Very toxic to aquatic life. H410 Aquatic Chronic 1 Very toxic to aquatic life with long lasting effects. H411 Aquatic Chronic 2 Toxic to aquatic life with long lasting effects. H412 Aquatic Chronic 3 Harmful to aquatic life with long lasting effects EUH071 Corrosive to the respiratory tract EUH208 Contains (name) May produce an allergic reaction. EUH210 Safety Data Sheet Available on request.
Precautions	P102 - Keep out of reach of children. P273 - Avoid release to the environment. P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Previous version	Not Applicable
Changes to previous version	Not Applicable

The information provided within this Safety Data Sheet is believed correct and to the best of our available knowledge as at its revision date. The information given should only be used as guidance for safe handling, use, processing, storage, transportation and disposal and should not be considered as obligation in respect of warranty of (technical) performance, quality (specification) or suitability for any particular application.