

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

1.1. Product identifier

Product form : Mixture
 Trade name : Rubio Monocoat Precolor Easy

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

Relevant identified uses

Intended for general public
 Main use category : Consumer use, Professional use

1.3. Details of the supplier of the safety data sheet

Muylle Facon B.V.B.A. - Rubio Monocoat
 Ambachtenstraat 58
 B 8870 Izegem
 Belgium
 T +32 (0) 51 30 80 54, F +32 (0) 51 30 99 78
info@rubiomonocoat.com, www.rubiomonocoat.com

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Precautionary statements (CLP) : P102 - Keep out of reach of children.
 EUH-statements : EUH208 - Contains 1,2-benzisothiazol-3(2H)-one (BIT). May produce an allergic reaction.

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	1,2-benzisothiazol-3(2H)-one (BIT) (2634-33-5)(¹)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	1,2-benzisothiazol-3(2H)-one (BIT) (2634-33-5)(¹)

(¹) Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1,2-benzisothiazol-3(2H)-one (BIT)	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6 REACH-no: 01-2120761540-60	0.01	Acute Tox. 4 (Oral), H302 (ATE=300 mg/kg bodyweight) Acute Tox. 1 (Inhalation:dust,mist), H330 (ATE=0.005 mg/l/4h) Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)

Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
1,2-benzisothiazol-3(2H)-one (BIT)	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6 REACH-no: 01-2120761540-60	(0.036 ≤ C ≤ 100) Skin Sens. 1; H317

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: If medical advice is needed, have product container or label at hand.
First-aid measures after inhalation	: under the recommended handling conditions: not required.
First-aid measures after skin contact	: If on skin : Wash with plenty of soap and water.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: In all cases of doubt, or when symptoms persist, seek medical attention.

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

Symptoms/effects	: Get medical advice/attention if you feel unwell.
Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

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

Show this safety data sheet to the doctor or emergency department.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Can't burn. Water mist, carbonic acid, foam or powder against surrounding fire.

5.2. Special hazards arising from the substance or mixture

No additional information available

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5.3. Advice for firefighters

Precautionary measures fire	: Evacuate area.
Firefighting instructions	: Prevent fire fighting water from entering the environment.
Protection during firefighting	: Self-contained breathing apparatus.
Other information	: Exercise caution when fighting any chemical fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures	: Do not get in eyes, on skin, or on clothing. Use personal protective equipment - see point 8. Limit spread.
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6.2. Environmental precautions

Avoid discharge into the sewer - see point 12. Inform the local environmental authorities in the event of a release to the surroundings.

6.3. Methods and material for containment and cleaning up

For containment	: Collect spillage.
Methods for cleaning up	: Liquid is absorbed with granules or similar. Collect in suitable containers. Rinse thoroughly with water. Further handling of spillage - see point 13.
Other information	: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See above (see point 6.1/6.2/6.3).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: Do not eat, drink or smoke while using this product.
Precautions for safe handling	: Avoid contact with the eyes and prolonged contact with the skin. After use, wash with plenty of soap and water.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep container tightly closed.
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7.3. Specific end use(s)

See application - point 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

Rubio Monocoat Precolor Easy	
Belgium - Occupational Exposure Limits	
Local name	Alcool isopropylique # Isopropylalcohol
Limit value [mg/m ³]	500 mg/m ³
Limit value [ppm]	200 ppm
Short time value [mg/m ³]	1000 mg/m ³
Short time value [ppm]	400 ppm

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Regulatory reference	Koninklijk besluit/Arrêté royal 16/11/2023
DNEL and PNEC	
2-methyl-2H-isothiazol-3-one (MIT) (2682-20-4)	
DNEL/DMEL (Workers)	
Acute - local effects, inhalation	0.043 mg/m ³
Long-term - local effects, inhalation	0.021 mg/m ³
DNEL/DMEL (General population)	
Acute - systemic effects, oral	0.053 mg/kg bw/day
Acute - local effects, inhalation	0.043 mg/m ³
Long-term - systemic effects, oral	0.027 mg/kg bw/day
Long-term - local effects, inhalation	0.021 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	3.39 µg/l
PNEC aqua (marine water)	3.39 µg/l
PNEC (Soil)	
PNEC soil	0.047 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	0.23 mg/l
1,2-benzisothiazol-3(2H)-one (BIT) (2634-33-5)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	0.966 mg/kg bw/day
Long-term - systemic effects, inhalation	6.81 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, inhalation	1.2 mg/m ³
Long-term - systemic effects, dermal	0.345 mg/kg bw/day
PNEC (Water)	
PNEC aqua (freshwater)	4.03 µg/l
PNEC aqua (marine water)	0.403 µg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	49.9 µg/kg dw
PNEC sediment (marine water)	4.99 µg/kg dw
PNEC (Soil)	
PNEC soil	3 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	1.03 mg/l

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

During spraying wear suitable respiratory equipment.

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Personal protection equipment

Eye and face protection

Eye protection			
Type	Use	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

Skin protection

Hand protection					
Type	Material	Permeation	Thickness (mm)	Permeation	Standard
protective gloves	Nitrile rubber (NBR)	5 (> 240 minutes)	>0,3		EN 374-2

Respiratory protection

Respiratory protection:

Usually not necessary. In case of insufficient ventilation or spraying: Use approved mask with particle filter P2 (EN149). The filters have a limited service life (must be changed). Read the manufacturer's instructions.

Respiratory protection			
Device	Filter type	Condition	Standard
Gas/Particle Filter	typeA/P2		EN 140

Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Various colours.
Appearance	: Liquid.
Odour	: odourless.
Odour threshold	: Not available
Melting point	: ≈ 0 °C
Freezing point	: ≈ 0 °C
Boiling point	: ≈ 100 °C
Flammability (solid, gas)	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: > 60 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: ≥ 5.5 – ≤ 7 Depending on the amount of pigmentation
Viscosity, kinematic	: Not available
Solubility	: Not available
Log Kow	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: > 1.01 kg/l (20°C)
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

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9.2. Other information

Other safety characteristics

VOC content : 0 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable in use and storage conditions as recommended in item 7.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Bases. Acids. Oxidising agents.

10.6. Hazardous decomposition products

Under fire conditions, hazardous fumes will be present.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

1,2-benzisothiazol-3(2H)-one (BIT) (2634-33-5)

LD50 oral rat	> 300 – ≤ 2000 mg/kg bodyweight
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LC50 Inhalation - Rat (Dust/Mist)	100 mg/l
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Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: ≥ 5.5 – ≤ 7 Depending on the amount of pigmentation

1,2-benzisothiazol-3(2H)-one (BIT) (2634-33-5)

pH	No data available in the literature
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Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: ≥ 5.5 – ≤ 7 Depending on the amount of pigmentation

1,2-benzisothiazol-3(2H)-one (BIT) (2634-33-5)

pH	No data available in the literature
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Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

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1,2-benzisothiazol-3(2H)-one (BIT) (2634-33-5)

Viscosity, kinematic	Not applicable
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11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Not applicable.
Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic) : Not classified (Based on available data, the classification criteria are not met)

1,2-benzisothiazol-3(2H)-one (BIT) (2634-33-5)

LC50 fish 1	2.2 mg/l (OECD 203: Fish: Acute Toxicity Study, 96 h, Oncorhynchus mykiss, Static system, Experimental value, Nominal concentration)
EC50 Daphnia 1	2.9 mg/l (OECD 202: Acute immobilisation test Daphnia sp., 48 h, Daphnia magna, Static system, Experimental value, Lethal)
ErC50 (algae)	150 µg/l (OECD 201: Algae: Growth inhibition study, 72 h, Pseudokirchneriella subcapitata, Experimental value, GLP)

12.2. Persistence and degradability

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Persistence and degradability	Rapidly degradable
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1,2-benzisothiazol-3(2H)-one (BIT) (2634-33-5)

Persistence and degradability	Readily biodegradable in water.
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12.3. Bioaccumulative potential

1,2-benzisothiazol-3(2H)-one (BIT) (2634-33-5)

BCF fish 1	6.6 (Equivalent or similar to OECD 305, 56 day(s), Lepomis macrochirus, Experimental value, Fresh weight)
Log Pow	-0.9 – 0.99 (Experimental value, EU Method A.8: Partition coefficient, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 500).

12.4. Mobility in soil

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Ecology - soil	mobile in soils.
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1,2-benzisothiazol-3(2H)-one (BIT) (2634-33-5)

Surface tension	72.6 mN/m (20 °C, 0.1 %, EU method A.5: Surface tension)
Log Koc	0.97 (log Koc, OECD 121: Estimation of the adsorption coefficient (Koc) on soil and sewage sludge using high performance liquid chromatography (HPLC), Experimental value, GLP)
Ecology - soil	Very mobile in the soils.

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12.5. Results of PBT and vPvB assessment

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	1,2-benzisothiazol-3(2H)-one (BIT) (2634-33-5)(¹)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	1,2-benzisothiazol-3(2H)-one (BIT) (2634-33-5)(¹)

(¹) Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

12.7. Other adverse effects

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Other information	Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.
Waste disposal recommendations : Dispose of in accordance with relevant local regulations. Discharging into rivers and drains is forbidden.
Additional information : Clean up even minor leaks or spills if possible without unnecessary risk.
Ecology - waste materials : Avoid release to the environment.
European List of Waste (LoW, EC 2000/532) : 16 10 01-

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated for transport				
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

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14.6. Special precautions for user

Overland transport

No data available

Transport by sea

No data available

Air transport

No data available

Inland waterway transport

No data available

Rail transport

No data available

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

VOC Directive (2004/42)

VOC content : 0 g/l

Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

National regulations

France

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Occupational diseases	
Code	Description
RG 65	Eczematiform lesions of allergic mechanism
RG 66	Occupational rhinitis and asthma

Germany

GISCODE : BSW20 - Coating materials, water-based.
Water hazard class (WGK) : WGK 2, significant hazard to water (Classification according to AwSV, Annex 1).
VOC content : 0 g/l

Poland

Polish National Regulations : Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).
Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).
The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).
Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).
Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).
Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).
The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488).
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended).
Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).
ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891).
Regulation of the Minister of Health of 25 August 2015 on the method of marking places, pipelines, and containers and tanks used for storing or containing hazardous substances or hazardous mixtures (J.o.L. 2015, item 1368 as ammended)

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 1 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 1
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1

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Full text of H- and EUH-statements:

Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
H302	Harmful if swallowed.
H315	Causes skin irritation.
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 1,2-benzisothiazol-3(2H)-one (BIT). May produce an allergic reaction.

The classification complies with : ATP 18

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.