

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

1.1. Product identifier

Product form : Mixture
Trade name : Rubio Monocoat Industrial UV Oil - Comp. A
UFI : 9DU4-21GU-100P-T416

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

Relevant identified uses

Intended for general public
Main use category : Industrial 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]

Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 1 H318
Skin sensitisation, Category 1 H317
Full text of H- and EUH-statements: see section 16

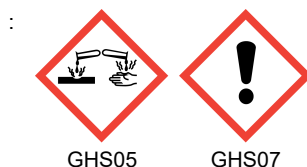
Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP)



CLP Signal word

: Danger

Contains

: Acrylate Oligomer;dipropyleenglycoldiacrylaat;Triphenylphosphine

Hazard statements (CLP)

: H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
P102 - Keep out of reach of children.
P261 - Avoid breathing vapours.
P264 - Wash hands, forearms and face thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear Protective gloves/Protective Clothing and eye protection. .
P302+P352 - IF ON SKIN: Wash with plenty of water.

EUH-statements

: EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

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2.3. Other hazards

Other hazards not contributing to the classification : IMPORTANT: Fire Risk, this product contains linseed oil! Cloths, rags or any other combustible, absorbent material used to apply the product or to clean up a spill, may spontaneously combust. These materials should be abundantly rinsed with water prior to their disposal in a fire-resistant container.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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	dipropyleenglycoldiacrylaat (57472-68-1), Triphenylphosphine (603-35-0), 4-methoxyfenol (150-76-5)(¹), titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$] (13463-67-7)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	dipropyleenglycoldiacrylaat (57472-68-1), Triphenylphosphine (603-35-0), 4-methoxyfenol (150-76-5)(¹), titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$] (13463-67-7)

(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 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
dipropyleenglycoldiacrylaat	CAS-No.: 57472-68-1 EC-No.: 260-754-3 REACH-no: 01-2119484629-21	<50	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$] substance with national workplace exposure limit(s) (BE, DK, FR, GB, SE, NO)	CAS-No.: 13463-67-7 EC-No.: 236-675-5 EC Index-No.: 022-006-00-2 REACH-no: 01-2119489379-17	0 – 20	Carc. 2, H351
Triphenylphosphine	CAS-No.: 603-35-0 EC-No.: 210-036-0	<0.2	Skin Sens. 1B, H317 STOT RE 1, H372 Acute Tox. 4 (Oral), H302 (ATE=700 mg/kg bodyweight) Aquatic Chronic 4, H413
4-methoxyfenol substance with national workplace exposure limit(s) (BE, FR)	CAS-No.: 150-76-5 EC-No.: 205-769-8 EC Index-No.: 604-044-00-7	<0.09	Acute Tox. 4 (Oral), H302 (ATE=1630 mg/kg bodyweight) Eye Irrit. 2, H319 Skin Sens. 1, H317

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
acrylic acid; prop-2-enoic acid substance with national workplace exposure limit(s) (BE, GB)	CAS-No.: 79-10-7 EC-No.: 201-177-9 EC Index-No.: 607-061-00-8 REACH-no: 01-2119452449-31	<0.1	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 (ATE=1.5 mg/l/4h) Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight) Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Corr. 1A, H314 Aquatic Acute 1, H400

Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
acrylic acid; prop-2-enoic acid	CAS-No.: 79-10-7 EC-No.: 201-177-9 EC Index-No.: 607-061-00-8 REACH-no: 01-2119452449-31	(1 ≤ C ≤ 100) STOT SE 3; H335

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 use.
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	: hazy water, carbon dioxide (CO ₂), foam and powder.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Precautionary measures fire	: Evacuate area.
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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

Collect spillage.

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

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

No additional information available

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in a closed container.
Storage area	: Store in a well-ventilated place.

Germany

Storage class (LGK, TRGS 510)

Joint storage table

: LGK 10 - Combustible liquids

LGK 1	LGK 2A	LGK 2B	LGK 3	LGK 4.1A
LGK 4.1B	LGK 4.2	LGK 4.3	LGK 5.1A	LGK 5.1B
LGK 5.1C	LGK 5.2	LGK 6.1A	LGK 6.1B	LGK 6.1C
LGK 6.1D	LGK 6.2	LGK 7	LGK 8A	LGK 8B
LGK 10	LGK 11	LGK 12	LGK 13	LGK 10-13

Joint storage not permitted for

Joint storage with restrictions permitted for

Joint storage permitted for

: LGK 1, LGK 2A, LGK 5.1A, LGK 6.2, LGK 7

: LGK 4.1A, LGK 4.2, LGK 4.3, LGK 5.1B, LGK 5.1C, LGK 5.2

: LGK 2B, LGK 3, LGK 4.1B, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B,
LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13

Switzerland

Storage class (LK)

: LK 10/12 - Liquids

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

acrylic acid; prop-2-enoic acid (79-10-7)	
Belgium - Occupational Exposure Limits	
Local name	Acide acrylique (Acide prop-2-énoïque) # Acrylzuur (Prop-2-eenzuur)
Limit value [mg/m³]	6 mg/m³
Limit value [ppm]	2 ppm
Short time value [mg/m³]	59 mg/m³ Valeur limite d'exposition à court terme sur une période de référence de 1 minute. # Grenswaarde voor kortstondige blootstelling in verhouding tot een referentieperiode van 1 minuut.
Short time value [ppm]	20 ppm Valeur limite d'exposition à court terme sur une période de référence de 1 minute. # Grenswaarde voor kortstondige blootstelling in verhouding tot een referentieperiode van 1 minuut.
Remark (BE)	D: la mention "D" signifie que la résorption de l'agent, via la peau, les muqueuses ou les yeux, constitue une partie importante de l'exposition totale. Cette résorption peut se faire tant par contact direct que par présence de l'agent dans l'air. # D: de vermelding "D" betekent dat de opname van het agens via de huid, de slijmvliezen of de ogen een belangrijk deel van de totale blootstelling vormt. Deze opname kan het gevolg zijn van zowel direct contact als zijn aanwezigheid in de lucht.
Regulatory reference	Koninklijk besluit/Arrêté royal 16/11/2023
4-methoxyfenol (150-76-5)	
Belgium - Occupational Exposure Limits	
Local name	4-Méthoxyphénol # 4-Methoxyfenol
Limit value [mg/m³]	5 mg/m³
Regulatory reference	Koninklijk besluit/Arrêté royal 16/11/2023
France - Occupational Exposure Limits	
VME [mg/m³]	5 mg/m³
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (13463-67-7)	
Belgium - Occupational Exposure Limits	
Local name	Titane (dioxyde de) # Titaandioxide
Limit value [mg/m³]	10 mg/m³
Regulatory reference	Koninklijk besluit/Arrêté royal 11/05/2021
Denmark - Occupational Exposure Limits	
Local name	Titandioxid, beregnet som Ti
Grænseværdi (8 timer) (mg/m³)	6 mg/m³
Grænseværdi (STEL) (mg/m³)	12 mg/m³
Remark	K
France - Occupational Exposure Limits	
VME [mg/m³]	10 mg/m³
Sweden - Occupational Exposure Limits	
Local name	Titandioxid

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titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$] (13463-67-7)

Nivågränsvärde (NVG) (mg/m ³)	5 mg/m ³
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Norway - Occupational Exposure Limits

Local name	Titandioksid
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Grenseverdier (AN) (mg/m ³)	5 mg/m ³
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DNEL and PNEC

dipropyleenglycoldiacrylaat (57472-68-1)

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal	1.7 mg/kg bw/day
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Long-term - systemic effects, inhalation	2.35 mg/m ³
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PNEC (Water)

PNEC aqua (freshwater)	0.003 mg/l
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PNEC aqua (marine water)	0 mg/l
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PNEC (Sediment)

PNEC sediment (freshwater)	0.019 mg/kg dwt
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PNEC sediment (marine water)	0.002 mg/kg dwt
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PNEC (Soil)

PNEC soil	0.002 mg/kg dwt
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PNEC (STP)

PNEC sewage treatment plant	100 mg/l
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8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

During spraying wear suitable respiratory equipment.

Personal protection equipment

Personal protective equipment:

Safety glasses. Gloves.

Personal protective equipment symbol(s):



Eye and face protection

Eye protection:

Safety glasses

Skin protection

Hand protection:

gloves

Hand protection

Type	Material	Permeation	Thickness (mm)	Permeation	Standard
protective gloves	Nitrile rubber (NBR)	5 (> 240 minutes)	>0.3		EN ISO 374-1

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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	: Oily.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability (solid, gas)	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: > 100 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Not available
Log Kow	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: > 1 kg/l (20°C)
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

Other safety characteristics

VOC content : 0 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction. Stable in use and storage conditions as recommended in item 7.

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Keep away from combustible material. Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

10.5. Incompatible materials

Bases. Acids. Oxidising agents.

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10.6. Hazardous decomposition products

Fire may liberate carbon oxides (CO) and smoke.

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)

dipropyleenglycoldiacrylaat (57472-68-1)

LD50 oral rat	3530 mg/kg bodyweight (Equivalent to or corresponding with OECD 401, Rat, Male/Female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 2000 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male/female, Experimental value, Dermal, 14 day(s))

Triphenylphosphine (603-35-0)

LD50 oral rat	700 mg/kg (BASF test, Rat, Experimental value, Oral, 8 day(s))
LD50 dermal rabbit	> 4000 mg/kg bodyweight (BASF test, 24 h, Rabbit, Male/female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	12.5 mg/l (4 h, Rat, Male, Experimental value, Inhalation (aerosol))

4-methoxyfenol (150-76-5)

LD50 oral rat	1630 mg/kg (Rat, Experimental value, Oral)
LD50 dermal rat	> 2000 mg/kg bodyweight (EU Method B.3: Acute toxicity (dermal), 24 h, Rat, Male/female, Experimental value, Dermal, 015 day(s))

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$] (13463-67-7)

LD50 oral rat	> 2000 mg/kg bodyweight (OESO 401: Acute oral toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LC50 Inhalation - Rat	5.09 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Male/female, Experimental value, Inhalation (vapour), 14 day(s))

Skin corrosion/irritation : Causes skin irritation.

dipropyleenglycoldiacrylaat (57472-68-1)

pH	No data available in the literature
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Triphenylphosphine (603-35-0)

pH	No data available in the literature
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4-methoxyfenol (150-76-5)

pH	5.1 (3 %)
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titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$] (13463-67-7)

pH	7 (aqueous suspension, 10%)
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Serious eye damage/irritation : Causes serious eye damage.

dipropyleenglycoldiacrylaat (57472-68-1)

pH	No data available in the literature
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Triphenylphosphine (603-35-0)

pH	No data available in the literature
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4-methoxyfenol (150-76-5)	
pH	5.1 (3 %)
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (13463-67-7)	
pH	7 (aqueous suspension, 10%)
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
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)
acrylic acid; prop-2-enoic acid (79-10-7)	
IARC group	3 - Not classifiable as a human carcinogen
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (13463-67-7)	
IARC group	2B - Possibly carcinogenic to humans
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)
Triphenylphosphine (603-35-0)	
STOT-repeated exposure	Causes damage to organs (central nervous system, peripheral nervous system) through prolonged or repeated exposure.
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
dipropyleenglycoldiacrylaat (57472-68-1)	
Viscosity, kinematic	9.41 mm²/s (20 °C, OECD 114: Viscosity of liquids)
Triphenylphosphine (603-35-0)	
Viscosity, kinematic	Not applicable
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (13463-67-7)	
Viscosity, kinematic	Not applicable

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)

dipropyleenglycoldiacrylaat (57472-68-1)	
LC50 fish 1	2.2 – 4.6 mg/l (DIN 38412-15, 96 h, Leuciscus idus, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 Daphnia 1	22 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Movement)
ErC50 (algae)	17 mg/l (DIN 38412-9, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)

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Triphenylphosphine (603-35-0)	
LC50 fish 1	> 10000 mg/l (DIN 38412-15, 96 h, Leuciscus idus, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 Daphnia 1	> 5 mg/l (OECD 202: Acute immobilisation test Daphnia sp., 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Movement)
ErC50 (algae)	> 5 mg/l (OECD 201: Algae: Growth inhibition study, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)

4-methoxyfenol (150-76-5)	
LC50 fish 1	28.5 mg/l (Equivalent or similar to EU Method C.1, 96 h, Oncorhynchus mykiss, Flow-through system, Fresh water, Experimental value, Lethal)
EC50 Daphnia 1	3 mg/l (OECD 202: Acute immobilisation test Daphnia sp., 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Movement)
ErC50 (algae)	54.7 mg/l (EU Method C.3, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (13463-67-7)	
LC50 fish 1	> 1000 mg/l (Pisces, Fresh water, Literature study)
EC50 Daphnia 1	> 1000 mg/l (Invertebrata, Fresh water, Literature study)
EC50 72h - Algae [1]	> 100 mg/l (OECD 201: Algae: growth inhibition study, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Growth rate)

12.2. Persistence and degradability

Rubio Monocoat Industrial UV Oil - Comp. A	
Persistence and degradability	Rapidly degradable
acrylic acid; prop-2-enoic acid (79-10-7)	
Persistence and degradability	Rapidly degradable
dipropyleenglycoldiacrylaat (57472-68-1)	
Persistence and degradability	Readily biodegradable in water.
Triphenylphosphine (603-35-0)	
Persistence and degradability	Readily biodegradable in water.
4-methoxyfenol (150-76-5)	
Persistence and degradability	Biodegradable in soil, Readily biodegradable in water.
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] (13463-67-7)	
Persistence and degradability	Biodegradability not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

12.3. Bioaccumulative potential

dipropyleenglycoldiacrylaat (57472-68-1)	
Log Pow	0.01 – 0.39 (Experimental value, EU Method A.8: Partition coefficient, 24 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Triphenylphosphine (603-35-0)	
BCF fish 1	1366 l/kg (BCFBAF v3.01, Pisces, QSAR)

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Triphenylphosphine (603-35-0)	
Log Pow	5 (Estimated value, QSAR, KOWWIN, 25 °C)
Bioaccumulative potential	Potential for bioaccumulation ($500 \leq BCF \leq 5000$).
4-methoxyfenol (150-76-5)	
Log Pow	1.41 (Experimental value, 23 °C)
Bioaccumulative potential	Low potential for bioaccumulation ($\text{Log Kow} < 4$).
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$] (13463-67-7)	
Bioaccumulative potential	No potential for bioaccumulation.

12.4. Mobility in soil

dipropyleenglycoldiacrylaat (57472-68-1)	
Surface tension	No data available in the literature
Log Koc	1.3 (log Koc, SRC PCKOCWIN v1.66, QSAR)
Ecology - soil	Very mobile in the soils.
Triphenylphosphine (603-35-0)	
Surface tension	No data available in the literature
Log Koc	4.9 (log Koc, SRC PCKOCWIN v2.0, QSAR)
Ecology - soil	Adsorbs to the soil.
4-methoxyfenol (150-76-5)	
Log Koc	1.75 (log Koc, Calculated value)
Ecology - soil	Very mobile in the soils.
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$] (13463-67-7)	
Surface tension	No data available in the literature
Ecology - soil	Little ability for mobility in soil.

12.5. Results of PBT and vPvB assessment

Rubio Monocoat Industrial UV Oil - Comp. A	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	dipropyleenglycoldiacrylaat (57472-68-1), Triphenylphosphine (603-35-0), 4-methoxyfenol (150-76-5)(¹), titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$] (13463-67-7)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	dipropyleenglycoldiacrylaat (57472-68-1), Triphenylphosphine (603-35-0), 4-methoxyfenol (150-76-5)(¹), titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$] (13463-67-7)

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

12.6. Endocrine disrupting properties

No additional information available

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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

Waste disposal recommendations	: Discharging into rivers and drains is forbidden. Dispose of in accordance with relevant local regulations.
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)	: 08 01 12 - waste paint and varnish other than those mentioned in 08 01 11
HP Code	: HP7 - "Carcinogenic:" waste which induces cancer or increases its incidence HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye. HP13 - "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.

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 applicable	Not applicable	Not applicable	Not applicable	Not applicable
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				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

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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 (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 (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

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

France

Occupational diseases	
Code	Description
RG 65	Eczematiform lesions of allergic mechanism

Germany

VOC ordinance (ChemVOCFarbV) : VOC content : 0 g/l

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).

Hazardous Incident Ordinance (12. BImSchV) : Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

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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)

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 4	Hazardous to the aquatic environment – Chronic Hazard, Category 4
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour.

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Full text of H- and EUH-statements:	
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
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.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H413	May cause long lasting harmful effects to aquatic life.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

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.