SAFETY DATA SHEET
ProOne Acryl Exterieur

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008
This SDS is for generic information purposes and does not reflect required country specific information for OEL
Last revision: 16-06-2022 V3

01 Identification of the substance/mixture and of the company/undertaking

1. Product identifier

Product Name: ProOne Acryl Exterieur 310 ml white
Article number: 12017429
Pure substance/mixture: mixture

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

Recommended use: sealant
Uses advised against: not to be used in production of toys or childcare articles.

3. Details of the supplier of the safety data sheet

BME Group Sourcing B.V.
Walaardt Sacréstraat 405
1117 BM Schiphol
The Netherlands
+31 (0)20 800 34 00
info@pro-one.nl
www.bme-group.com

4. Emergency telephone number

Emergency Telephone: 112

02 Hazards identification

1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is classified as not hazardous.

2. Label elements

A. Labelling in accordance with Regulation (EC) No 1272/2008

This mixture is classified as not hazardous.

B. Hazard statements

This mixture is classified as not hazardous.

C. EU Specific Hazard Statements

EUH208: contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] & 1,2-benzisothiazol-3(2H)-one [BIT]. May produce an allergic reaction
EUH210: safety data sheet available on request.

3. Other hazards

No information available.
PBT & vPvB: This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

03 Composition/information on ingredients

1. Substances

Not applicable.

2. Mixtures

Chemical name	*EC No.*	*CAS No.*	*Classification according to Regulation (EC) No. 1272/2008 [CLP]*	*Specific concentration limit (SCL)*	*M-Factor*	*M-Factor (long-term)*	*REACH registration number*
Titanium dioxide 0.1 < 1%	236-675-5	13463-67-7	[C]	-	-	-	01-2119489379-17-XXXX
Ethylene glycol 0.1 < 1%	203-473-3	107-21-1	STOT RE 2 (H373) Acute Tox. 4 (H302)	-	-	-	01-2119456816-28-XXXX
Diethylene glycol monobutyl ether 0.1 - < 1%	203-961-6	112-34-5	Eye Irrit. 2 (H319)	-	-	-	01-2119475104-44-XXXX
1,2-benzisothiazol-3(2H)-one [BIT] 0.01 - < 0.05%	220-120-9	2634-33-5	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Acute Tox. 2 (H330) Aquatic Chronic 2 (H411)	Skin Sens. 1 :: C > = 0.05%	1	-	01-2120761540-60-XXXX
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] < 0.0015%	611-341-5	55965-84-9	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)	Eye Dam. 1 :: C > = 0.6% Eye Irrit. 2 :: 0.06% < = C < 0.6% Skin Corr. 1C :: C > = 0.6% Skin Irrit. 2 :: 0.06% < = C < 0.6% Skin Sens. 1 :: C > = 0.0015%	100	100	01-2120764691-48-XXXX

Full text of H- and EUH-phrases: see section 16.
Classification according to Regulation (EC) No. 1272/2008 [CLP] - Notes.
[C] - Components with occupational exposure limits and/or biological occupational exposure limits requiring monitoring.

Acute Toxicity Estimate
If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components.

Chemical name	*EC No.*	*CAS No.*	*Oral LD50 mg/kg*	*Dermal LD50 mg/kg*	*Inhalation LC50 - 4 hour - dust/mist - mg/l*	*Inhalation LC50 - 4 hour - vapour - mg/l*	*Inhalation LC50 - 4 hour - gas - ppm*
Titanium dioxide	236-675-5	13463-67-7	-	-	-	-	-
Ethylene glycol	203-473-3	107-21-1	500	-	-	-	-
Diethylene glycol monobutyl ether	203-961-6	112-34-5	-	-	-	-	-
1,2-benzisothiazol-3(2 H)-on [BIT]	220-120-9	2634-33-5	670	-	0.25	-	-
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] < 0.0015%	611-341-5	55965-84-9	100	87.12	0.33	-	-

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Notes
See section 16 for more information.

Chemical name	*Notes*
Titanium dioxide - 13463-67-7	V, W, 10
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] < 0.0015% - 55965-84-9	B

04 First aid measures

1. Description of first aid measures

A. General advice
Show this safety data sheet to the doctor in attendance. If medical advice is needed, have product container or label at hand.

B. Inhalation
If exposed or concerned: Get medical advice/attention. Remove to fresh air.

C. Eye contact
Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.

D. Skin conta
In the case of skin irritation or allergic reactions see a doctor. Wash skin with soap and water.

E. Ingestion
Clean mouth with water. Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person.

2. Most important symptoms and effects, both acute and delayed
Symptoms: no information available.

3. Indication of any immediate medical attention and special treatment needed
Note to doctors: treat symptomatically.

05 Firefighting measures

1. Extinguishing media
Suitable extinguishing media: use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media: no information available.

2. Special hazards arising from the substance or mixture
Specific hazards arising from the chemical:
no information available.
Hazardous combustion products: Carbon monoxide. Carbon dioxide (CO_2).

3. Advice for firefighters
Special protective equipment and precautions for fire-fighters: firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

06 Accidental release measures

1. Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation.
For emergency responders: use personal protection recommended in section 8.

2. Environmental precautions
See section 12 for additional ecological information.

3. Methods and material for containment and cleaning up
Methods for containment: do not scatter spilled material with high pressure water streams.
Methods for cleaning up: take up mechanically, placing in appropriate containers for disposal.
Prevention of secondary hazards: clean contaminated objects and areas thoroughly observing environmental regulations.

4. Reference to other sections
See section 8 and 13 for more information.

07 Handling and storage

1. Precautions for safe handling

Advice on safe handling: ensure adequate ventilation.
General hygiene considerations: handle in accordance with good industrial hygiene and safety practice.

2. Conditions for safe storage, including any incompatibilities

Storage Conditions: keep from freezing.
Recommended storage temperature: do not freeze.
Keep at temperatures between 5 and 35°C.

3. Specific end use(s)

Specific use(s): sealant.
Risk Management Methods (RMM): the information required is contained in this Safety Data Sheet.
Other information: observe technical data sheet.

08 Exposure controls/personal protection

1 Control parameters

Exposure limits: this product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product.

Only European Community Occupational Exposure Limits will be shown in this document. Please refer to regional SDS for further information.

Chemical name	*European Union*
Ethylene glycol 107-21-1	TWA: 20 ppm TWA: 52 mg/m³ STEL: 40 ppm STEL: 104 mg/m³ *
Diethylene glycol monobutyl ether 112-34-5	TWA: 10 ppm TWA: 67.5 mg/m³

Derived No Effect Level (DNEL):
no information available.

Derived No Effect Level (DNEL)		
Titanium dioxide (13463-67-7)		
Type	*Exposure route*	*Derived No Effect Level (DNEL)*
Worker Long term Local health effects	Inhalation	10 mg/m³

Ethylene glycol (107-21-1)		
Type	*Exposure route*	*Derived No Effect Level (DNEL)*
Worker Long term Systemic health effects	Dermal	106 mg/kg bw/d
Worker Long term Systemic health effects	Inhalation	35 mg/m³

1,2-benzisothiazol-3(2H)-one [BIT] (2634-33-5)		
Type	*Exposure route*	*Derived No Effect Level (DNEL)*
Worker Long term Systemic health effects	Inhalation	6.81 mg/m³
Worker Long term Systemic health effects	Dermal	0.966 mg/kg bw/d

Derived No Effect Level (DNEL)		
Titanium dioxide (13463-67-7)		
Type	*Exposure route*	*Derived No Effect Level (DNEL)*
Consumer Long term Systemic health effects	Oral	700 mg/kg bw/d

Ethylene glycol (107-21-1)		
Type	*Exposure route*	*Derived No Effect Level (DNEL)*
Consumer Long term Systemic health effects	Dermal	53 mg/kg bw/d
Consumer Long term Local health effects	Inhalation	7 mg/m³

1,2-benzisothiazol-3(2H)-one [BIT] (2634-33-5)		
Type	*Exposure route*	*Derived No Effect Level (DNEL)*
Consumer Long term Systemic health effects	Inhalation	1.2 mg/m³
Consumer Long term Systemic health effects	Dermal	0.345 mg/kg bw/d

Predicted No Effect Concentration (PNEC):
no information available.

Predicted No Effect Concentration (PNEC)	
Titanium dioxide (13463-67-7)	
Environmental compartment	*Predicted No Effect Concentration (PNEC)*
Marine water	0.0184 mg/l
Freshwater sediment	1000 mg/kg
Freshwater	0.184 mg/l
Marine sediment	100 mg/kg
Soil	100 mg/kg
Microorganisms in sewage treatment	100 mg/l
Freshwater - intermittent	0.193 mg/l

Ethylene glycol (107-21-1)	
Environmental compartment	*Predicted No Effect Concentration (PNEC)*
Freshwater	10 mg/l
Marine water	1 mg/l
Freshwater sediment	37 mg/kg dry weight
Marine sediment	3.7 mg/kg dry weight
Soil	1.53 mg/kg dry weight
Microorganisms in sewage treatment	199.5 mg/l

1,2-benzisothiazol-3(2H)-one [BIT] (2634-33-5)	
Environmental compartment	*Predicted No Effect Concentration (PNEC)*
Freshwater	4.03 µg/l
Marine water	0.403 µg/l
Sewage treatment plant	1.03 mg/l
Freshwater sediment	49.9 µg/l
Marine sediment	4.99 µg/l
Soil	3 mg/kg dry weight

2. Exposure controls

A. Engineering controls

Ensure adequate ventilation, especially in confined areas.

B. Eye/face protection

Tight sealing safety goggles.

C. Skin and body protection

Suitable protective clothing.

D. Environmental exposure controls

No information available.

09 Physical and chemical properties

1. Information on basic physical and chemical properties

Physical state	Solid
Appearance	Paste
Colour	See section 1 for more information
Odour	Characteristic.
Odour threshold	No information available

Property	*Values*
Melting point/freezing point	= 0°C
Initial boiling point and boiling range	= 100°C
Flammability	No data available
Flammability Limit in Air	
Upper flammability or explosive limits	No data available
Lower flammability or explosive limits	No data available
Flash point	Not applicable
Autoignition temperature	No data available
Decomposition temperature	None known
pH	7-9
pH (as aqueous solution)	No data available
Kinematic viscosity	> 21 mm^2/s
Dynamic viscosity	No data available
Water solubility	Miscible in water
Solubility(ies)	No data available
Partition coefficient	No data available
Vapour pressure	No data available
Relative density	No data available
Bulk Density	No data available
Liquid Density	1.57
Relative vapour density	No data available
Particle characteristics	
Particle Size	No information available
Particle Size Distribution	No information available

2. Other information

VOC content (%)

A. Information with regards to physical hazard classes

Not applicable.

B. Other safety characteristics

No information available.

10 Stability and reactivity

1. Reactivity

No information available.

2. Chemical stability

Stable under normal conditions.

Explosion data

Sensitivity to mechanical: none.

Sensitivity to static discharge: none.

3. Possibility of hazardous reactions

None under normal processing.

4. Conditions to avoid

Do not freeze.

5. Incompatible materials

None known based on information supplied.

6. Hazardous decomposition products

None under normal use conditions. Stable under recommended storage conditions.

11 Toxicological information

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

Information on likely routes of exposure

Product information

A. Inhalation

Based on available data, the classification criteria are not met.

B. Eye contact

Based on available data, the classification criteria are not met.

C. Skin contact

Based on available data, the classification criteria are not met.

D. Ingestion

Based on available data, the classification criteria are not met.

E. Symptoms related to the physical, chemical and toxicological characteristics

No information available.

F. Acute toxicity

Numerical measures of toxicity

Component Information:

Chemical name	*Oral LD50*	*Dermal LD50*	*Inhalation LC50*
Titanium dioxide	> 10000 mg/kg (Rattus)	LD50 > 5000 mg/kg	= 5.09 mg/l (Rattus) 4 h
Ethylene glycol	ATE 500 mg/kg	= 10600 mg/kg (Rattus) = 9530 µL/kg (Oryctolagus cuniculus)	> 2.5 mg/l (Rat) 6 h
Diethylene glycol monobutyl ether	> 5660 mg/kg (Rattus)	= 2700 mg/kg (Oryctolagus cuniculus)	-
1,2-benzisothiazol-3(2H)-one [BIT]	= 670 mg/kg (Rattus)	LD50 > 2000 mg/kg (Rattus)	ATE = 0.25 mg/l
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] < 0.0015%	-	LD50 = 87.12 mg/kg (Oryctolagus cuniculus)	= 0.33 mg/l (Rat) 4 h

G. Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation: based on available data, the classification criteria are not met.

Titanium dioxide (13463-67-7)			
Method	*Species*	*Exposure route*	*Results*
OECD Test No. 404: Acute Dermal Irritation/Corrosion	Rabbit	Dermal	Non-irritant

H. Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

Titanium dioxide (13463-67-7)			
Method	*Species*	*Exposure route*	*Results*
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	Eye	Non-irritant

I. Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Titanium dioxide (13463-67-7)

Method	*Species*	*Exposure route*	*Results*
OECD Test No. 406: Skin Sensitisation	Guinea pig	Dermal	Not a skin sensitiser
OECD Test No. 429: Skin Sensitisation: Local Lymph Node Assay	Mouse	Dermal	Not a skin sensitiser

J. Germ cell mutagenicity

Based on available data, the classification criteria are not met.

K. Carcinogenicity

Based on available data, the classification criteria are not met.

L. Reproductive toxicity

Based on available data, the classification criteria are not met.

M. STOT - single exposure

Based on available data, the classification criteria are not met.

N. STOT - repeated exposure

Based on available data, the classification criteria are not met.

O. Aspiration hazard

Based on available data, the classification criteria are not met.

2 Information on other hazards

A. Endocrine disrupting properties

No information available.

B. Other adverse effects

No information available.

12 Ecological information

1. Toxicity

Ecotoxicity.

Chemical name	*Algae/aquatic plants*	*Fish*	*Toxicity to microorganisms*	*Crustacea*	*M-Factor*	*M-Factor (long-term)*
Titanium dioxide 13463-67-7	LC50 (96 h) > 10000 mg/l (Cyprinodon variegatus) OECD 203	-	-	-	-	-
Ethylene glycol 107-21-1	EC50: 6500 - 13000 mg/L (96 h, Pseudokirchneriella subcapitata)	LC50 96 h = 16000 mg/L (Poecilia reticulata static)	EC50 = 10000 mg/L 16 h EC50 = 620 mg/L 30 min EC50 = 620.0 mg/L 30 min	EC50 = 46300 mg/L (48 h, Daphnia magna)	-	-
Diethylene glycol monobutyl ether 112-34-5	EC50: > 100 mg/L (96 h, Desmodesmus subspicatus)	LC50 = 1300 mg/L (96 h, Lepomis macrochirus)	-	EC50 = 2850 mg/L (24 h, Daphnia magna) EC50 >100 mg/L (48 h, Daphnia magna)	-	-
1,2-benzisothiazol-3(2H)-one [BIT] 2634-33-5	EC50 3 h 13 mg/l (activated sludge) (OECD 209)	LC50 (96 h) 2.15 mg/l Cyprinodon variegatus EPA 540/9-85-006	-	EC50 (48 h) 2.94 mg/l (Daphnia Magna) OECD 202	1	-
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] < 0.0015% 55965-84-9	EC50 (72 h) = 0.048 mg/L (Pseudokirchneriella subcapitata) (OECD 201)	EC50 (96 h) = 0.22 mg/L (Oncorhynchus mykiss) (OECD 211)	-	EC50 (48 h) = 0.1 mg/L (Daphnia magna) (OECD 202)	100	100

2. Persistence and degradability

No information available.

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] < 0.0015% (55965-84-9)

Method	*Exposure time*	*Value*	*Results*
OECD Test No. 301B: Ready Biodegradability: CO_2 Evolution Test (TG 301 B)	28 days	Biodegradation	Not readily biodegradable

3. Bioaccumulative potential

Component Information.

Chemical name	*Partition coefficient*
Ethylene glycol	-1.36
Diethylene glycol monobutyl ether	1
1,2-benzisothiazol-3(2H)-one [BIT]	0.7
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] < 0.0015%	0.7

4. Mobility in soil

No information available.

5. Results of PBT and vPvB assessment

PBT and vPvB assessment.

Chemical name	*PBT and vPvB assessment*
Titanium dioxide	The substance is not PBT/vPvB. PBT assessment does not apply.
Ethylene glycol	The substance is not PBT/vPvB. PBT assessment does not apply.
Diethylene glycol monobutyl ether	The substance is not PBT/vPvB. PBT assessment does not apply.
1,2-benzisothiazol-3(2H)-one [BIT]	The substance is not PBT/vPvB.
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] < 0.0015%	The substance is not PBT/vPvB.

6. Endocrine disrupting properties

No information available.

7. Other adverse effects

No information available.

13 Disposal considerations

1. Waste treatment methods

A. Waste from residues/unused products

Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.

B. Contaminated packaging

Do not reuse empty containers.

C. European Waste Catalogue
08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09.

D. Other information
Waste codes should be assigned by the user based on the application for which the product was used.

14 Transport information

Note: keep from freezing.

1. Land transport (ADR/RID)

A. UN number or ID number
Not regulated

B. Proper Shipping Name
Not regulated

C. Transport hazard class(es)
Not regulated

D. Packing group
Not regulated

E. Environmental hazards
Not applicable

F. Special Provisions
None

2. IMDG

A. UN number or ID number
Not regulated

B. Proper Shipping Name
Not regulated

C. Transport hazard class(es)
Not regulated

D. Packing group
Not regulated

E. Mariene verontreiniging
NP

F. Special Provisions
None

G. Maritime transport in bulk according to IMO instruments
Not applicable

3. Air transport (ICAO-TI/IATA-DGR)

A. UN number or ID number
Not regulated

B. Proper Shipping Name
Not regulated

C. Transport hazard class(es)
Not regulated

D. Packing group
Not regulated

E. Environmental hazards
Not applicable

F. Special Provisions
None

15 Regulatory information

1. Safety, health and environmental regulations/ legislation specific for the substance or mixture
European Union
Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006).

– SVHC: substances of very high concern for authorisation: this product does not contain candidate substances of very high concern at a concentration >= 0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59).
– EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction: this product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Chemical name	*CAS No*	*Restricted substance per REACH Annex XVII*
Diethylene glycol monobutyl ether	112-34-5	55.

– CAS 112-34-5 restricted for use in aerosol products sold to general public. Products for general public with level above 3% should be labeled 'Do not use in paint spraying equipment'.
– Substance subject to authorisation per REACH Annex XIV: this product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV).
– Biocidal Products Regulation (EU) No. 528/2012 (BPR): contains a biocide: contains C(M)IT/MIT (3:1). May produce an allergic reaction.
– Ozone-depleting substances (ODS) regulation (EC) 1005/2009: not applicable.
– Persistent Organic Pollutants: not applicable.

National regulations
France: occupational illnesses (R-463-3, France).

Chemical name	*French RG number*
Ethylene glycol 107-21-1	RG 84, RG 5, RG 14, RG 15, RG 15 bis, RG 20 bis
Diethylene glycol monobutyl ether 112-34-5	RG 84
1,2-benzisothiazol-3(2H)-one [BIT] 2634-33-5	RG 65

Germany: ordinance on Industrial Safety and Health, Germany - BetrSichV: no flammable liquids in accordance with BetrSichV. Water hazard class (WGK): slightly hazardous to water (WGK 1).
Netherlands: list of carcinogenic, mutagenic and reproductive toxin substances in accordance with Inspectorate SZW (Netherlands).
Denmark: registration number(s) (P-no.): no information available.
Norway: registration number(s) (PRN-no.): no information available.

2. Chemical safety assessment
Chemical safety assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No chemical safety assessment has been carried out for this mixture.

16 Other information

Key or legend to abbreviations and acronyms used in the safety data sheet. Full text of H-Statements referred to under section 3:

H301: Toxic if swallowed
H302: Harmful if swallowed
H310: Fatal 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
H330: Fatal if inhaled
H373: May cause damage to organs through prolonged or repeated exposure
H400: Very toxic to aquatic life
H410: Very toxic to aquatic life with long lasting effects
H411: Toxic to aquatic life with long lasting effects

Notes assigned to an entry
Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In part 3 entries with note B have a general designation of the following type: 'nitric acid … %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.
Note V: If the substance is to be placed on the market as fibres (with diameter < 3 µm, length > 5 µm and aspect ratio ≥ 3:1) or particles of the substance fulfilling the WHO fibre criteria or as particles with modified surface chemistry, their hazardous properties must be evaluated in accordance with Title II of this Regulation, to assess whether a higher category (Carc. 1B or 1A) and/or additional routes of exposure (oral or dermal) should be applied.
Note W: It has been observed that the carcinogenic hazard of this substance arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung.
Notes relating to the classification and labelling of mixtures
Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1% or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤10 µm.

SVHC: Substances of Very High Concern for Authorisation
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
vPvB: Very Persistent and very Bioaccumulative (vPvB) Chemicals
STOT RE: Specific target organ toxicity - Repeated exposure
STOT SE: Specific target organ toxicity - Single exposure
EWC: European Waste Catalogue
LOW: List of Wastes (see http://ec.europa.eu/environment/waste/framework/list.htm)
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IATA: International Air Transport Association
ICAO: ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG: International Maritime Dangerous Goods
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

Legend section 8: exposure controls/personal protection
TWA: Time Weighted Average
AGW: Occupational exposure limit value
Ceiling: Maximum limit value
STEL: Short Term Exposure Limit
BGW: Biological limit value
*: Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	*Method Used*
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - Vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS
– European Food Safety Authority (EFSA)
– European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
– European Chemicals Agency (ECHA) (ECHA_API)
– EPA (Environmental Protection Agency)
– Acute Exposure Guideline Level(s) (AEGL(s))
– International Uniform Chemical Information Database (IUCLID)
– National Institute of Technology and Evaluation (NITE)
– NIOSH (National Institute for Occupational Safety and Health)
– Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
– Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
– Organisation for Economic Co-operation and Development Screening Information Data Set

Scan for product page

ProOne
www.pro-one.eu

Rev_01_05_2023