**Product** Fleetwood Trade Acrylic Eggshell

**Revision date** 05 October 2021

Revision 3



# **Safety Data Sheet (SDS)**

according to Regulation (EC) No. 1907/2006

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

## 1.1 Product identifier

Product name Fleetwood Trade Acrylic Eggshell

Other means of identification No information available.

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

**Identified uses** Paint or paint related material. For industrial use.

Uses advised against No uses advised against are identified.

# 1.3 Details of the supplier of the safety data sheet

Supplier FSW Coatings Ltd

Virginia Co Cavan Ireland

Tel: 353 49854 7209

Contact person info@fsw.ie

1.4 Emergency telephone number

**Emergency telephone** + 353 49854 7209 (Between 0900 and 1700 hrs Monday-Friday)

# **Section 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and chemical hazards Not classified Human health Not classified

Environment Aquatic Chronic 3 - H412

2.2 Label elements

**Contains** Not applicable

Label in accordance with (EC) no.

1272/2008

No pictogram required

Signal word No Signal Word

**Hazard statements** H412 Harmful to aquatic life with long lasting effects.

Precautionary statements Prevention

P273 Avoid release to the environment.

Disposal

P501 Dispose of contents/ container to a licensed hazardous waste disposal facility in

accordance with all applicable regulations.

**EUH statements** EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not

breathe spray or mist.

### 2.3 Other hazards

None known.

# Section 3: Composition/information on ingredients

# 3.1 Substance

Not applicable.

# 3.2 Mixtures

Name	Product identifier	Regulation (EC) No 1272/2008	%
titanium dioxide	CAS-No.: 13463-67-7 EC No.: 236-675-5		15-25%
propane-1,2-diol	CAS-No.: 57-55-6 EC No.: 200-338-0 REACH Reg No.: 01-2119456809-23-0000		1-5%
2-(2-butoxyethoxy)ethanol	CAS-No.: 112-34-5 EC No.: 203-961-6 REACH Reg No.: 01-2119475104-44-XXXX	Eye Irrit.2A - H319	0.1-0.9%
2-aminoethanol	CAS-No.: 141-43-5 EC No.: 205-483-3 REACH Reg No.: 01-2119486455-28-0030	Acute Tox 4 - H302, Acute Tox 4 - H312, Acute Tox 4 - H332, Skin Corr. 1B - H314, STOT SE 3 - H335, Aquatic Chronic 3 - H412	0.1-0.9%
2,2',2"-nitrilotriethanol	CAS-No.: 102-71-6 EC No.: 203-049-8 REACH Reg No.: 01-2119486482-31-XXXX		0.1-0.9%
ammonia 100%	CAS-No.: 1336-21-6 EC No.: 215-647-6	Skin Corr. 1B - H314, Aquatic Acute 1 - H400	0.1-0.9%
zinc oxide	CAS-No.: 1314-13-2 EC No.: 215-222-5 REACH Reg No.: 01-2119463881-32-0000	Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	<0.1%
diuron (ISO) 3-(3,4-dichlorophenyl),1-dimethylurea	CAS-No.: 330-54-1 EC No.: 206-354-4	Acute Tox 4 - H302, Carc. 2 - H351, STOT RE 2 - H373, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	<0.1%
2,2'-iminodiethylamine	CAS-No.: 111-40-0 EC No.: 203-865-4 REACH Reg No.: 01-2119473793-27	Acute Tox 4 - H302, Acute Tox 4 - H312, Acute Tox 2 - H330, Skin Corr. 1B - H314, Skin. Sens 1 - H317, STOT SE 3 - H335	<0.1%
formaldehyde 100%	CAS-No.: 50-00-0 EC No.: 200-001-8	Acute Tox 3 - H301, Acute Tox 2 - H310, Skin Corr. 1B - H314, Skin. Sens 1 - H317, Acute Tox 3 - H331, Muta. 2- H341, Carc. 1B - H350	<0.001%

The full text for all hazard statements are displayed in section 16.

**Composition comments** The data shown are in accordance with the latest EC Directives.

2-aminoethanol: Specific Concentration Limit - STOT SE3 / H335; >= 5. Diuron (ISO) 3-(3,4-dichlorophenyl)- 1,1-dimethylurea: M (chronic)=10. Ammonia, aqueous solution: SCL - STOT single exposure 3; H335: C >= 5 %.

Zinc oxide: M (acute and chronic) = 1.

Formaldehyde: Specific Concentration Limits = Eye Irrit. 2; H319: 5 % <= C < 25 %, STOT SE 3; H335: C >= 5 %, Skin Corr. 1B; H314: C >= 25 %, Skin Irrit. 2; H315: 5 % <= C < 25 %, Store C < 25 %, Store C < 25 %, Store C < 25 %, Skin Irrit. 2; H315: 5 % <= C < 25 %, Store C < 26 %, Store C < 27 %, Store C < 28 %, Store C < 28 %, Store C < 28 %, Store C < 29 %, Store C < 20 %, Store C <

%, Skin Sens. 1; H317: C >= 0,2 %.

# Section 4: First aid measures

# 4.1 Description of first aid measures

General information Provide general first aid, rest, warmth and fresh air. As a general rule, in case of doubt or if

symptoms persist, always call a doctor.

**Inhalation** Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical

attention if any discomfort or breathing difficulties develop.

**Ingestion** Rinse mouth out and then drink plenty of water. Seek medical attention.

**Skin contact**Remove affected person from source of contamination. Remove contaminated clothing and

shoes and wash before reuse. Wash exposed area with soap and water. Get medical attention

if irritation develops or persists.

 $Hold\ eye\ lids\ open.\ Rinse\ with\ a\ gentle\ stream\ water\ for\ at\ least\ 15\ minutes.\ Seek\ medical$ 

attention.

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

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

Inhalation Inhalation of mist or vapor may cause respiratory tract irritation. Ingestion May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact Prolonged contact may cause redness, irritation and dry skin. Prolonged contact may cause redness and/or tearing. Eve contact

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

Notes to the physician Treat symptomatically.

#### **Section 5: Firefighting measures**

# 5.1 Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding Extinguishing media

materials. Water spray, foam, dry powder or carbon dioxide.

Unsuitable extinguishing media High volume water jet.

# 5.2 Special hazards arising from the substance or mixture

**Hazardous combustion products** Unusual fire & explosion hazards

Specific hazards

When heated, vapours/gases hazardous to health may be formed.

No unusual fire or explosion hazards noted.

In case of fire, toxic gases may be formed (COx, NOx). Avoid breathing fumes.

# **5.3 Advice for firefighters**

Special fire fighting procedures Avoid breathing fire vapours. Keep up-wind to avoid fumes. Fight advanced or massive fires

from safe distance or protected location. Ventilate closed spaces before entering them. Containers close to fire should be removed immediately or cooled with water if safe to do so.

Protective equipment for firefighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for firefighters (including helmets, protective boots and gloves) conforming to European standard

EN 469 will provide a basic level of protection for chemical incidents.

#### Section 6: Accidental release measures

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

For non-emergency personnel Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation

of vapours and contact with skin and eyes. Do not smoke, use open fire or other sources of

ignition. Make safe all sources of ignition.

For emergency responders Follow safe handling advice and personal protective equipment recommendations for normal

use of product.

# **6.2 Environmental precautions**

**Environmental precautions** Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled

discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency

or other appropriate regulatory body.

# 6.3 Methods and material for containment and cleaning up

Spill clean up methods Stop leak if possible without risk. Wear necessary protective equipment. Absorb spillage with

> non-combustible, absorbent material. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled

container. Wash thoroughly after dealing with a spillage.

#### **6.4 Reference to other sections**

Reference to other sections See section 1 for emergency contact. For personal protection, see section 8. For waste

disposal, see section 13.

# **Section 7: Handling and storage**

# 7.1 Precautions for safe handling

## Handling

Read and follow manufacturer's recommendations. Vapours are heavier than air and may spread along floors. Do not handle broken packages without protective equipment. Do not was contact leaves. Keep away from best specified and open flows.

use contact lenses. Keep away from heat, sparks and open flame.

Observe occupational exposure limits and minimise the risk of inhalation of vapours and mist. Do not eat, drink or smoke when using the product. Avoid spilling, skin and eye contact. Eliminate all sources of ignition. Ensure adequate ventilation.

# 7.2 Conditions for safe storage, including any incompatibilities

**Storage precautions** Bags or containers, which are opened, must be carefully resealed to prevent leakage. Store

in tightly closed original container in a cool, dry and well-ventilated place. Keep upright, locked up and out of reach of children. Store in cool dry areas away from direct sunlight or

sources of ignition. Keep away from incompatible materials (see section 10).

Storage class Chemical storage.

# 7.3 Specific end use(s)

Specific end use(s)The identified uses for this product are detailed in Section 1.Usage descriptionUse only according to directions. Replace and tighten cap after use.

# **Section 8: Exposure controls/Personal protection**

# **8.1 Control parameters**

Component	STD	TWA (	8 Hrs)	STEL (1	l5mins)	Notes
titanium dioxide	OEL		10 mg/m <sup>3</sup>			
titanium dioxide	OEL		4 mg/m <sup>3</sup>			
propane-1,2-diol	OEL	150 ppm	470 mg/m <sup>3</sup>			
propane-1,2-diol	OEL		10 mg/m <sup>3</sup>			
2-(2-butoxyethoxy)ethanol	OEL	10 ppm	67.5 mg/m <sup>3</sup>	15 ppm	101.2 mg/m <sup>3</sup>	
2-aminoethanol	OEL	1 ppm	2.5 mg/m <sup>3</sup>	3 ppm	7.6 mg/m <sup>3</sup>	
2,2',2"-nitrilotriethanol	OEL		5 mg/m <sup>3</sup>			
zinc oxide	OEL		2 (R) mg/m <sup>3</sup>		10 mg/m <sup>3</sup>	
diuron (ISO) 3-(3,4-dichlorophenyl),1-dimethylurea	OEL		10 mg/m <sup>3</sup>			
2,2'-iminodiethylamine	OEL	1 ppm	4 mg/m <sup>3</sup>			
formaldehyde 100%	OEL	0.2 ppm		0.4 ppm		

Ingredient comments

Ireland, Occupational Exposure Limits 2021.

#### **8.2 Exposure Controls**

Protective equipment



**Engineering measures** 

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

Where risk assessment shows air-purifying respirators are appropriate a full face respirator conforming to EN 143 should be used, and suitable respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. ABEK (EN 14387). Consult manufacturer for specific advice.

**Hand protection** 

Selection of the glove material depends on consideration of the penetration times, rates of diffusion and degradation, and concentration specific to the workplace. Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374) is recommended. Gloves must be inspected prior to use.

Suggested material: Nitrile rubber. Break through time: >480 minutes. Minimum layer thickness: 0.33 mm. Chloroprene. Breakthrough time: >480 minutes. Minimum layer

thickness: 0.6 mm. Consult manufacturer for specific advice.

**Eye protection** Wear safety goggles or face shield to prevent any possibility of eye contact. Use equipment

for eye protection tested and approved under appropriate government standards such as EN

166(EU)

**Other protection** Protective clothing should be selected based on the task being performed and the risks

involved and should be approved by a specialist before handling this product. The selected

clothing must satisfy the European norm standard EN 943.

**Hygiene measures** Wash hands after handling. Do not eat, drink, or smoke while using this product. Take off

immediately all contaminated clothing. Avoid contact with skin, eyes and clothing.

**Process conditions** Ensure that eye flushing systems and safety showers are located close by in the work place.

#### **Section 9: Physical and chemical properties**

# 9.1 Information on basic physical and chemical properties

AppearanceViscous liquid.ColourWhite.OdourSlight.

Odour threshold - lower No information available as testing has not been completed.

**Odour threshold - upper**No information available as testing has not been completed.

pH-Value, Conc. Solution >8.1

**pH-Value, Diluted solution** No information available as testing has not been completed.

Melting point May start to solidify at the temperatures below 2°C. This is based on data for the following

ingredient: water

Initial boiling point and boiling

range

>42°C

**Flash point** Not applicable.

**Evaporation rate** Not applicable.

Flammability state Non flammable

Flammability limit - lower(%) No information available as testing has not been completed.

Flammability limit - upper(%) 0%

Vapour pressure Highest known value: 3.2 kPa (23.8 mm Hg) (at 20°C) (water). Weighted average: 3.12 kPa

(23.4 mm Hg) (at 20°C)

Vapour density (air=1) Highest known value: 7.5 (Air = 1) (isobutyric acid, monoester with 2,2, 4-trimethylpentan-

-1,3-diol).

**Relative density** 1.3

**Bulk density** No information available as testing has not been completed.

**Solubility** Partially soluble in cold water.

**Decomposition temperature** Stable under normal handling and storage conditions

Partition coefficient; n-

Octanol/Water

No information available as testing has not been completed.

Auto ignition temperature (°C) No information available as testing has not been completed.

Viscosity Kinematic (40°C): >0.21 cm<sup>2</sup>/s

**Explosive properties** Not classified as explosive.

Oxidising properties The product does not meet the criteria to be classified as oxidising.

#### 9.2 Other information

Molecular weight No information available as testing has not been completed.

Volatile organic compound 50.00 g/litre

**Other information** Volume solids: 37.0% +/- 1.0%.

Weight Solids: 53.0% +/- 1.0%.

# **Section 10: Stability and reactivity**

#### 10.1 Reactivity

**Reactivity** Reaction with: strong oxidising substances and acids. Alkalis.

#### 10.2 Chemical stability

Stability Stable under normal temperature conditions and recommended use.

# 10.3 Possibility of hazardous reactions

**Hazardous reactions** For information on hazardous reactions see section 10.1.

**Hazardous polymerisation** Unknown. **Polymerisation description** Unknown.

#### 10.4 Conditions to Avoid

**Conditions to avoid** Protect from frost. Avoid exposure to high temperatures or direct sunlight.

#### 10.5 Incompatible materials

Materials to avoid Strong oxidising agents. Strong acids. Do not mix with other chemicals unless listed on

directions.

# 10.6 Hazardous decomposition products

Hazardous decomposition products 
Thermal decomposition may release acrid fumes, smoke and carbon monoxide. In case of

fire, toxic gases (CO, CO2, NOx) may be formed.

#### **Section 11: Toxicological information**

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

**Toxicological information** No toxicological information for the overall finished product.

Acute toxicity (Oral LD50) 2-(2BUTOXYETHOXY)ETHANOL 2410 mg/kg Mouse. TITANIUM DIOXIDE > 5000 mg/kg

Rat.

Acute toxicity (Dermal LD50)2-(2BUTOXYETHOXY)ETHANOL 2764 mg/kg Rabbit.Acute toxicity (Inhalation LD50)TITANIUM DIOXIDE 6.82 mg/l (vapours) 4 hours.

**Serious eye damage/irritation** Prolonged or repeated contact may cause irritation.

**Skin corrosion/irritation** The product is not classified as a skin corrosion/irritation hazard.

Respiratory sensitisation Skin sensitisation

The product is not classified as a respiratory hazard. The product is not classified as a skin sensitisation hazard.

**Germ cell mutagenicity** The product is not classified as a mutagen.

**Carcinogenicity** The product is not classified as a carcinogen hazard.

Specific target organ toxicity - Single exposure:

**STOT - Single exposure** The product is not classified as a single exposure specific target organ toxin.

Specific target organ toxicity - Repeated exposure:

STOT - Repeated exposure The product is not classified as a repeat exposure specific target organ toxin.

**Inhalation** Inhalation of mist or vapor may cause respiratory tract irritation.

Ingestion May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact Prolonged contact may cause redness, irritation and dry skin.

Eve contact Prolonged contact may cause redness and/or tearing.

Waste management When handling waste, consideration should be made to the safety precautions applying to

handling of the product.

**Routes of entry** Eyes, skin, ingestion or inhalation.

Eyes, skin, digestive system, respiratory system. Target organs

The product is not classified as an aspiration hazard. **Aspiration hazards:** Reproductive toxicity: The product is not classified as a reproductive hazard.

Name	LD50 oral	II I)5() dormal	LD50 inhalation
propane-1,2-diol	22000.00mg/kg Rat	>2000.00mg/kg Rabbit	
2-(2-butoxyethoxy)ethanol	3305.00mg/kg Rat >2000.00mg/kg Rat	2764.00mg/kg Rabbit >2000.00mg/kg Rabbit	
formaldehyde 100%	>200.00mg/kg Rat		
2-aminoethanol	1515.00mg/kg Rat	2504.00mg/kg Rabbit	
2,2',2"-nitrilotriethanol	6400.00mg/kg Rat	>2000.00mg/kg Rabbit	

# 11.2 Information on other hazards

Information on other hazards None known.

# **Section 12: Ecological information**

# 12.1 Toxicity

2-(2BUTOXYETHOXY)ETHANOL LC0 48 hours > 1000 mg/l Leuciscus idus (Golden orfe). Acute toxicity - Fish

DIURON (ISO) LC50 96 hours 14.7 mg/l Onchorhynchus mykiss (Rainbow trout). ZINC

OXIDE LC50 96 hours 0.14 mg/l Onchorhynchus mykiss (Rainbow trout).

Acute toxicity - Aquatic invertebrates 2-(2BUTOXYETHOXY)ETHANOL EC50 48 hours > 100 mg/l Daphnia magna. DIURON (ISO)

CAS: 330-54-1 EC50 48 hours 1.4 mg/l Daphnia magna. ZINC OXIDE EC50 48 hours 0.17

mg/l Daphnia magna.

**Acute toxicity - Aquatic plants** DIURON (ISO) EC50 72 hours 0.022 mg/l Scenedesmus subspicatus. ZINC OXIDE IC50 96

hours 0.14 mg/l Selenastrum capricornutum.

**Acute toxicity - Microorganisms** 

No information available as testing has not been completed. **Chronic toxicity - Fish** No information available as testing has not been completed. **Chronic toxicity - Aquatic** No information available as testing has not been completed.

invertebrates

**Chronic toxicity - Aquatic plants** No information available as testing has not been completed. Chronic toxicity - Microorganisms No information available as testing has not been completed.

**Ecotoxicity** 

The product contains a substance which is harmful to aquatic life with long lasting effects.

Eco toxilogical information The product contains a substance which is harmful to aquatic organisms.

# 12.2 Persistence and degradability

Degradability The degradability of the product has not been stated. Biological oxygen demand No information available as testing has not been completed. Chemical oxygen demand No information available as testing has not been completed.

# 12.3 Bioaccumulative potential

No data available on bioaccumulation. Bioaccumulative potential

Bioaccumulation factor No information available as testing has not been completed. Partition coefficient; n-No information available as testing has not been completed.

Octanol/Water

#### 12.4 Mobility in soil

Mobility Partially soluble in cold water.

# 12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment The product does not contain any PBT or vPvB Substances.

# 12.6 Endocrine disrupting properties

**Endocrine disrupting properties**The product does not contain any substances with endocrine disrupting properties at a

concentration above or equal to 0.1%.

# 12.7 Other adverse effects

Other adverse effects None known.

Name	Acute toxicity (Fish)	Acute toxicity (Aquatic invertebrates)	Acute toxicity (Aquatic plants)
diuron (ISO) 3-(3,4-dichlorophenyl),1-dimethylurea	LC50 96 Hours 14.70mg/l Onchorhynchus mykiss (Rainbow Trout)	EC50 48 Hours 1.40mg/l Daphnia magna	EC50 72 Hours 0.02mg/l Scenedesmus Subspicatus
zinc oxide	LC50 96 Hours 0.14mg/l Onchorhynchus mykiss (Rainbow Trout)	EC50 48 Hours 0.17mg/l Daphnia magna	
propane-1,2-diol	LC50 96 Hours 40613.00mg/l Onchorhynchus mykiss (Rainbow Trout)		
2-(2-butoxyethoxy)ethanol	LC50 96 Hours 1300.00mg/l Lepomis macrochirus (Bluegill)	EC50 48 Hours >100.00mg/l Daphnia magnaEC50 48 Hours >100.00mg/l Daphnia magna	
2-aminoethanol	LC50 96 Hours 114.00mg/l Onchorhynchus mykiss (Rainbow Trout)	EC50 48 Hours 65.00mg/l Daphnia magna	EC50 72 Hours 2.50mg/l Selenastrum Capricornutum
2,2',2"-nitrilotriethanol	LC50 96 Hours 11800.00mg/l Pimephales promelas (Fat-head Minnow)	NOEC 21 days 16.00mg/l Daphnia magna	EC50 72 Hours 216.00mg/l Scenedesmus Subspicatus

# **Section 13: Disposal considerations**

Waste management When handling waste, consideration should be made to the safety precautions applying to

handling of the product.

# 13.1 Waste treatment methods

**Disposal methods** Dispose of waste and residues in accordance with local authority requirements, and in

accordance with all local, national and international regulations. For waste disposal, use a

licensed industrial waste disposal agent.

# **Section 14: Transport information**

# 14.1 UN number or ID number

UN no. (ADR)

UN no. (IMDG)

Not applicable.

UN no. (IATA)

Not applicable.

# 14.2 UN proper shipping name

ADR proper shipping name
IMDG proper shipping name
Not applicable.
IATA proper shipping name
Not applicable.

# 14.3 Transport hazard class(es)

ADR class Not applicable.

IMDG class Not applicable.

IATA class Not applicable.

Transport labels Not applicable

# 14.4 Packing group

ADR/RID/ADN packing group

IMDG packing group

IATA packing group

Not applicable.

Not applicable.

Not applicable.

#### 14.5 Environmental hazards

 ADR
 No

 IMDG
 No

 IATA
 No

#### 14.6 Special precautions for user

EMS Not applicable.
Emergency action code Not applicable.
Hazard no. (ADR) Not applicable.
Tunnel restriction code Not applicable.

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

December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. The UN Globally Harmonized System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals

(REACH).

**Approved code of practice** 2021 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents)

Regulations (2001-2021) and the Safety, Health and Welfare at Work (Carcinogens)

Regulations (2001-2019)

#### 15.2 Chemical safety assessment

**Chemical safety assessment** No chemical safety assessment has been carried out.

#### **Section 16: Other information**

General information This Safety Data Sheet is in accordance with REACH Annex II, (EC) No 2020/878.

**Revision comments**This is a third issue. [1]Information updated. [2]Information updated. [3]Information updated. [4]Information updated. [5]Information updated. [7]Information updated.

[8]Information updated. [9]Information updated. [11]Information updated. [12]Information

updated. [14]Information updated. [15]Information updated.

**Revision date** 05 October 2021 **Supersedes date** 06 November 2017

Revision 3

Safety data sheet status Approved.

# **Hazard statements in full**

H319 Causes serious eye irritation. H302 Harmful if swallowed.

**H312** Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

**H332** Harmful if inhaled.

**H335** May cause respiratory irritation.

**H412** Harmful to aquatic life with long lasting effects.

**H400** Very toxic to aquatic life.

**H317** May cause an allergic skin reaction.

**H410** Very toxic to aquatic life with long lasting effects.

**H351** Suspected of causing cancer.

 ${\bf H373} \hspace{1.5cm} {\bf May \ cause \ damage \ to \ organs \ through \ prolonged \ or \ repeated \ exposure \ .}$ 

**H301** Toxic if swallowed.

H318 Causes serious eye damage.

**H331** Toxic if inhaled.

**H310** Fatal in contact with skin. **H330** Fatal if inhaled.

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**H311** Toxic in contact with skin.

**H341** Suspected of causing genetic defects .

**H350** May cause cancer.

**EUH211** Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray

or mist.

#### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.