Product Bathroom Paint
Revision date 21 May 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 Bathroom Paint Other means of identification No information available.

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

Identified usesPaint or paint related material.Uses advised againstNo 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 EUH208 Contains Fatty acids, tall-oil, reaction products with diethylenetriamine compds.

with polyethylene glycol hydrogen maleate C9-11-alkyl ether, Fatty acids, C18 unsat, reaction products with diethylenetriamine and 3-iodo-2-propynyl butylcarbamate. May

produce an allergic reaction.

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

breathe spray or mist.

2.3 Other hazards

 $\hbox{$3$-iodo-2-propynyl butylcarba} mate is under assessment as an Endocrine \hbox{D is ruptor.}$

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 REACH Reg No.: 01-2119489379-17-XXXX		10-20%
Limestone	CAS-No.: 1317-65-3 EC No.: 215-279-6		10-20%
propane-1,2-diol	CAS-No.: 57-55-6 EC No.: 200-338-0 REACH Reg No.: 01-2119456809-23-0000		1-5%
Fatty acids, tall-oil, reaction products with diethylenetriamine compds. with polyethylene glycol hydrogen maleate C9-11-alkyl ether	CAS-No.: 1262797-52-3 EC No.:	Skin. Sens 1 - H317, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	0.1-0.9%
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%
3-iodo-2-propynyl butylcarbamate	CAS-No.: 55406-53-6 EC No.: 259-627-5	Acute Tox 4 - H302, Skin. Sens 1 - H317, Eye Dam. 1 - H318, Acute Tox 3 - H331, STOT RE 1 - H372, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	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%
2,2',2''-nitrilotriethanol	CAS-No.: 102-71-6 EC No.: 203-049-8 REACH Reg No.: 01-2119486482-31-XXXX		<0.1%
Fatty acids, C18 unsat, reaction products with diethylenetriamine	CAS-No.: 1226892-43-8 EC No.: 629-715-1 REACH Reg No.: 01-2119487013-43-XXXX	Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410, Skin Corr. 1C - H314, Skin. Sens 1 A- H317	
Kaolin	CAS-No.: 1332-58-7 EC No.: 310-194-1		<0.1%
ammonia, anhydrous	CAS-No.: 7664-41-7 EC No.: 231-635-3	Flam. Gas 2- H221, Skin Corr. 1B - H314, Acute Tox 3 - H331, Aquatic Acute 1 - H400	<0.1%
2,2'-iminodiethylamine The full text for all bazard statem	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, Skir Corr. 1B - H314, Skin. Sens 1 - H317, STOT SE 3 - H335	

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.

3-iodo-2-propynyl butylcarbamate: M Factor acute = 10; M Factor chronic = 1.

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. Wash exposed area with soap and

water. Get medical attention if irritation develops or persists.

Remove contact lenses if present and easy to do so. Hold eye lids open. Rinse with a gentle Eye contact

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 Prolonged inhalation of fog or mist may be irritating to nose and throat. Ingestion Prolonged exposure to product may cause irritation to lining of the mouth.

Skin contact May cause an allergic skin reaction. Eve contact May cause temporary eye irritation.

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

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

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

High volume water jet. Unsuitable extinguishing media

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Unusual fire & explosion hazards

Specific hazards

During fire, gases hazardous to health may be formed.

No unusual fire or explosion hazards noted.

In the event of damage to packaging, floors may become slippery, avoid falls.

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 For emergency responders

Wear protective clothing as described in Section 8 of this safety data sheet.

Follow safe handling advice and personal protective equipment recommendations for normal

use of product.

6.2 Environmental precautions

Environmental precautions Avoid discharge in to drains and water courses. 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. 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. Ensure adequate ventilation. Use proper

personal protection when handling (refer to Section 8).

7.2 Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly closed original container in a cool, dry and well-ventilated place. Keep

upright, locked up and out of reach of children.

Storage class Unspecified storage.

7.3 Specific end use(s)

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

Section 8: Exposure controls/Personal protection

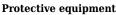
8.1 Control parameters

Component	STD	TWA (8 Hrs)	STEL (15mins)	Notes
titanium dioxide	OEL		10 mg/m ³			
titanium dioxide	OEL		4 mg/m ³			
Limestone	OEL		4 mg/m ³			
Limestone	OEL		10 mg/m ³			
propane-1,2-diol	OEL	150 ppm	470 mg/m ³			
propane-1,2-diol	OEL		10 mg/m ³			
2-(2-butoxyethoxy)ethanol	OEL	10 ppm	67.5 mg/m ³	15 ppm	101.2 mg/m ³	IOELV
2-aminoethanol	OEL	1 ppm	2.5 mg/m ³	3 ppm	7.6 mg/m ³	Sk, IOELV
2,2',2"-nitrilotriethanol	OEL		5 mg/m ³			
Kaolin	OEL		2 mg/m ³			
ammonia, anhydrous	OEL	20 ppm	14 mg/m ³	50 ppm	36 mg/m ³	IOELV
2,2'-iminodiethylamine	OEL	1 ppm	4 mg/m ³			Sk

 $Ingredient\ comments$

Ireland, Occupational Exposure Limits 2020.

8.2 Exposure Controls



Hand protection



Engineering measuresObserve occupational exposure limits and minimize the risk of inhalation of dust. Provide

adequate ventilation, including appropriate local extraction, to ensure that the defined

occupational exposure limit is not exceeded.

Respiratory equipment No specific recommendation made, but respiratory protection must be used if the general

level exceeds the recommended occupational exposure limit. Use type ABEK (EN 14387) respirator cartridges. Change filters frequently Consult manufacturer for specific advice. Use suitable protective gloves if there is a risk of skin contact. Consult manufacturer for specific advice. Suggested material: Nitrile rubber gloves. Layer thickness: 0.11mm.

Breakthrough time: >480 min.

Eye protection Use equipment for eye protection tested and approved under appropriate government

standards such as EN 166(EU).

Other protection Wear appropriate clothing to prevent any possibility of skin contact. The selected clothing

must satisfy the European norm standard EN 943.

Hygiene measures Wash hands and / or face before breaks and at the end of the shift. Do not eat, drink, or

smoke while using this product. Avoid contact with skin, eyes and clothing.

Process conditions

Use only according to directions. 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.ColourVarious.OdourFaint odour.

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

Odour threshold - upperNo 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 1.30 + -0.10

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) Not applicable.

Viscosity Kinematic (40°C): >0.21 cm²/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 18.00 g/litre

Other information Volume solids: 32.0% +/- 1.0%

Weight Solids: 48.0 +/- 1.0%

Section 10: Stability and reactivity

10.1 Reactivity

Reactivity No specific reactivity hazards associated with this product.

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 polymerisationUnknown.Polymerisation descriptionUnknown.

10.4 Conditions to Avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Extremes of temperature and direct

sunlight.

10.5 Incompatible materials

Materials to avoid Do not mix with other chemicals unless listed on directions. Strong oxidising substances.

10.6 Hazardous decomposition products

Hazardous decomposition products When heated, vapours/gases hazardous to health 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)No information available as testing has not been completed.Acute toxicity (Inhalation LD50)No information available as testing has not been completed.Acute toxicity (Inhalation LD50)No information available as testing has not been completed.

Serious eye damage/irritation Product is not classified as an eye irritant.

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

Respiratory sensitisationThe product is not classified as a respiratory hazard. **Skin sensitisation**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.

InhalationProlonged inhalation of fog or mist may be irritating to nose and throat.IngestionProlonged exposure to product may cause irritation to lining of the mouth.

Skin contactMay cause an allergic skin reaction.Eye contactMay cause temporary eye irritation.

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.

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

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

Name	LD50 oral	LD50 dermal	LD50 inhalation
propane-1,2-diol	22000.00mg/kg Rat	>2000.00mg/kg Rabbit	
2-(2-butoxyethoxy)ethanol	3305.00mg/kg Rat	2764.00mg/kg Rabbit	
3-iodo-2-propynyl butylcarbamate	1056.00mg/kg Rat	>2000.00mg/kg Rabbit	0.67g/m3 Rat 4 Hours
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 No information available.

Section 12: Ecological information

12.1 Toxicity

Acute toxicity - Fish

Acute toxicity - Aquatic invertebrates

No information available as testing has not been completed.

Acute toxicity - Aquatic plants

Acute toxicity - Microorganisms

Chronic toxicity - Fish

Chronic toxicity - Aquatic

No information available as testing has not been completed.

No information available as testing has not been completed.

No information available as testing has not been completed.

No information available as testing has not been completed.

No information available as testing has not been completed.

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

DegradabilityThe degradability of the product has not been stated.Biological oxygen demandNo information available as testing has not been completed.Chemical oxygen demandNo information available as testing has not been completed.

12.3 Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Bioaccumulation factor No information available as testing has

Bioaccumulation factor
Partition coefficient; nOctanol/Water

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

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 3-iodo-2-propynyl butylcarbamate is under assessment as an Endocrine Disruptor.

12.7 Other adverse effects

Other adverse effects None known.

Name	IACHTA TAVICITY (HISH)		Acute toxicity (Aquatic plants)
propane-1,2-diol	LC50 96 Hours 40613.00mg/l Onchorhynchus mykiss (Rainbow Trout)		
I/_I/_hiitoviothovi/lethanol	LC50 96 Hours 1300.00mg/l Lepomis macrochirus (Bluegill)	EC50 48 Hours >100.00mg/l Daphnia magna	
3-iodo-2-propynyl butylcarbamate	NOEC 96 Hours 0.05mg/l Onchorhynchus mykiss (Rainbow Trout)	3 5.	NOEC 72 Hours 0.00mg/l Scenedesmus Subspicatus

I/-aminoethanol	9.	9.	EC50 72 Hours 2.50mg/l Selenastrum Capricornutum
1/ / / -nitrilotriethanol	LC50 96 Hours 11800.00mg/l Pimephales promelas (Fat-head Minnow)	J 5.	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 nameNot applicable.IMDG proper shipping nameNot applicable.IATA proper shipping nameNot 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

EMSNot applicable.Emergency action codeNot applicable.Hazard no. (ADR)Not applicable.Tunnel restriction codeNot 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 830/2015 of 28

May 2015 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 2020 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents)

Regulations (2001-2015) 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 Regulation (EC) No 453/2010.

Revision comments

This is a third issue. [2]Information updated. [3]Information updated. [4]Information

updated. [5]Information updated. [6]Information updated. [8]Information updated.

 $[9] Information\ updated.\ [10] Information\ updated.\ [11] Information\ updated.\ [12] Information\ updated.\ [$

updated. [15]Information updated.

Revision date 21 May 2021

Revision 3

Safety data sheet status Approved.

Hazard statements in full

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H319Causes serious eye irritation.H302Harmful if swallowed.H318Causes serious eye damage.

H331 Toxic if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure .

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

 ${\bf H412} \hspace{1.5in} {\bf Harmful} \ to \ aquatic \ life \ with \ long \ lasting \ effects.$

H221
H330
H361
H370
Fatal if inhaled.
Toxic if swallowed.
H310
Fatal in contact with skin.

EUH208 Contains Fatty acids, tall-oil, reaction products with diethylenetriamine compds. with

polyethylene glycol hydrogen maleate C9-11-alkyl ether, Fatty acids, C18 unsat, reaction products with diethylenetriamine and 3-iodo-2-propynyl butylcarbamate. May produce an

allergic reaction.

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.