

Revision Date: 26/04/2022

Revision: 5

Supersedes Date: 19/05/2015

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

1.1. Product identifier

Product form : Mixture

Trade name : Swimming Pool Paint - White

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

1.2.1. Relevant identified uses

Intended for general public

Main use category : Industrial use, Professional use, Consumer use

Use of the substance/mixture : Paint

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier Eli-Chem Resins UK Ltd T/A

FixMaster

212 Dunsfold Park Canada Avenue Cranleigh GU6 8GA (UK)

+44 (0)1483 266636 (09:00 - 17:00 Mon-Thur / 09:00 - 16:00 Fri)

sales@FixMaster.co.uk

1.4. Emergency telephone number

Emergency number : +44 (0)1483 266636 office hours only

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids, Category 2 H225

Specific target organ toxicity – Single exposure, Category 3, Narcosis H336

Specific target organ toxicity – Single exposure, Category 3, Respiratory H335

tract irritation

Hazardous to the aquatic environment – Chronic Hazard, Category 2 H411

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)



GHS02





GHS07

GHS09

Signal word (CLP)

: Danger

Contains

: HYDROCARBONS, C9, Aromatics, Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

GB - en 1/14



Precautionary statements (CLP)

SAFETY DATA SHEET SWIMMING POOL PAINT – WHITE

Revision Date: 26/04/2022 Revision: 5

Supersedes Date: 19/05/2015

Hazard statements (CLP) : H225 - Highly flammable liquid and vapour.

H335 - May cause respiratory irritation.

H336 - May cause drowsiness or dizziness.

H411 - Toxic to aquatic life with long lasting effects.

: P102 - Keep out of reach of children.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P233 - Keep container tightly closed.

P241 - Use explosion-proof electrical/ventilating/lighting equipment.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 - Use only outdoors or in a well-ventilated area.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 - Call a POISON CENTRE or doctor if you feel unwell.

P370+P378 - In case of fire: Use media other than water to extinguish.

P391 - Collect spillage.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

EUH-statements : EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do

not breathe spray or mist.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
HYDROCARBONS, C9, Aromatics	EC-No.: 918-668-5 REACH-no: 01-2119455851- 35	30 – 40	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 (M=0)
Titanium Dioxide substance with national workplace exposure limit(s) (GB)	CAS-No.: 13463-67-7 EC-No.: 236-675-5 EC Index-No.: 022-006-00-2	15 – 25	Not classified
BARIUM SULPHATE substance with national workplace exposure limit(s) (GB)	CAS-No.: 7727-43-7 EC-No.: 231-784-4	2 – 8	Not classified
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	CAS-No.: 919-446-0 REACH-no: 01-2119458049- 33	1 – 5	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

GB - en 2/14



Revision Date: 26/04/2022 Revision: 5

Supersedes Date: 19/05/2015

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
KAOLIN POLWHITE B substance with national workplace exposure limit(s) (GB)	CAS-No.: 1332-58-7 EC-No.: 310-194-1	1 – 5	Not classified
NAPTHA (PETROLEUM), HYDROTREATED HEAVY: LOW BOILING POINT HYDROGEN substance with a Community workplace exposure limit	CAS-No.: 64742-48-9 EC-No.: 265-150-3 EC Index-No.: 649-327-00-6 REACH-no: 01-2119486659-	0.3 – 1.5	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 80-62-6 EC-No.: 201-297-1 EC Index-No.: 607-035-00-6	≤ 0.05	Flam. Liq. 2, H225 STOT SE 3, H335 Skin Irrit. 2, H315 Skin Sens. 1, H317
2-methoxy-1-methylethyl acetate substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 108-65-6 EC-No.: 203-603-9 EC Index-No.: 607-195-00-7	<0.05	Flam. Liq. 3, H226

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 exposed or concerned: Get medical advice/attention. Never give anything by mouth to an

unconscious person.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Give oxygen or artificial respiration if necessary.

First-aid measures after skin contact : Take off contaminated clothing. Gently wash with plenty of soap and water.

First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing. Rinse immediately with

plenty of water. Get medical advice/attention.

First-aid measures after ingestion : If swallowed, seek medical advice immediately and show this container or label. Do not

induce vomiting.

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

Symptoms/effects after inhalation : May cause respiratory irritation.
Symptoms/effects after skin contact : May cause moderate irritation.
Symptoms/effects after eye contact : May cause eye irritation.
Symptoms/effects after ingestion : May be harmful if swallowed.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2). Water spray.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Explosion hazard : Heating may cause a fire or explosion. Hazardous decomposition products in case of fire : Carbon dioxide. Carbon monoxide.

GB - en 3/14



Revision Date: 26/04/2022

Revision: 5

Supersedes Date: 19/05/2015

5.3. Advice for firefighters

Firefighting instructions

: Do not enter fire area without proper protective equipment, including respiratory protection. Evacuate area. Get the package away from the fire if this can be done without risk. Use water spray or fog for cooling exposed containers.

Protection during firefighting

: Use self-contained breathing apparatus and chemically protective clothing. Wear fire/flame resistant/retardant clothing. EN 469.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment

: Wear recommended personal protective equipment.

Emergency procedures

: Act in accordance with local emergency plan. Evacuate unnecessary personnel. Do not touch or walk on the spilled product. Notify fire brigade and environmental authorities.

6.1.2. For emergency responders

Protective equipment

: Do not attempt to take action without suitable protective equipment.

6.2. Environmental precautions

Do not allow product to spread into the environment. Do not allow to enter drains or water courses. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment

: Contain large spillage with sand or earth.

Methods for cleaning up

: This material and its container must be disposed of in a safe way, and as per local

legislation.

6.4. Reference to other sections

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed

Precautions for safe handling

: Not expected to present a significant hazard under anticipated conditions of normal use.

: Avoid contact with skin and eyes. Use personal protective equipment as required. Do not

Hygiene measures

pierce or burn, even after use. Do not spray on an open flame or other ignition source.

Do not eat, drink or smoke when using this product. Take off immediately all contaminated

Do not eat, drink or smoke when using this product. Take off immediately all contaminated clothing and wash it before reuse. Wear personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Store in a well-ventilated place. Keep cool. Keep container closed when not in use. Direct sunlight. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Incompatible products

: Oxidizing agent. Strong bases. Strong acids.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

GB - en 4/14



Revision Date: 26/04/2022

Revision: 5

Supersedes Date: 19/05/2015

methyl methacrylate; methyl 2-methylprop-2-	enoate; methyl 2-methylpropenoate (80-62-6)				
EU - Indicative Occupational Exposure Limit (IOEL)					
Local name	Methyl methacrylate				
IOEL TWA [ppm]	50 ppm				
IOEL STEL [ppm]	100 ppm				
Regulatory reference	COMMISSION DIRECTIVE 2009/161/EU				
United Kingdom - Occupational Exposure Limits					
Local name	Methyl methacrylate				
WEL TWA (OEL TWA) [1]	208 mg/m³				
WEL TWA (OEL TWA) [2]	50 ppm				
WEL STEL (OEL STEL)	416 mg/m³				
WEL STEL (OEL STEL) [ppm]	100 ppm				
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE				
2-methoxy-1-methylethyl acetate (108-65-6)					
EU - Indicative Occupational Exposure Limit (IOEL					
Local name	2-Methoxy-1-methylethylacetate				
IOEL TWA [ppm]	50 ppm				
IOEL STEL	550 mg/m³				
IOEL STEL [ppm]	100 ppm				
Remark	Skin				
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC				
United Kingdom - Occupational Exposure Limits					
Local name	1-Methoxypropyl acetate				
WEL TWA (OEL TWA) [1]	274 mg/m³				
WEL TWA (OEL TWA) [2]	50 ppm				
WEL STEL (OEL STEL)	548 mg/m³				
WEL STEL (OEL STEL) [ppm]	100 ppm				
Remark	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)				
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE				
KAOLIN POLWHITE B (1332-58-7)					
United Kingdom - Occupational Exposure Limits	United Kingdom - Occupational Exposure Limits				
Local name	Kaolin				
WEL TWA (OEL TWA) [1]	2 mg/m³ respirable dust				
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE				
BARIUM SULPHATE (7727-43-7)					
United Kingdom - Occupational Exposure Limits					
Local name	Barium sulphate				
WEL TWA (OEL TWA) [1]	10 mg/m³ inhalable dust 4 mg/m³ respirable dust				



Revision Date: 26/04/2022

Revision: 5

Supersedes Date: 19/05/2015

BARIUM SULPHATE (7727-43-7)				
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE			
Titanium Dioxide (13463-67-7)				
United Kingdom - Occupational Exposure Limits				
Local name	Titanium dioxide			
WEL TWA (OEL TWA) [1]	4 mg/m³ respirable 10 mg/m³ total inhalable			
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE			
NAPTHA (PETROLEUM), HYDROTREATED HEAVY: LOW BOILING POINT HYDROGEN (64742-48-9)				
EU - Indicative Occupational Exposure Limit (IOEL)				
Local name	White spirit Type 3			
IOEL TWA [ppm]	20 ppm			
IOEL STEL	290 mg/m³			
IOEL STEL [ppm]	50 ppm			
Remark	Skin. (Year of adoption 2007)			
Regulatory reference	SCOEL Recommendations			

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure that there is a suitable ventilation system. Provide adequate ventilation to minimize dust concentrations.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):









8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Chemical resistant safety shoes

GB - en 6/14



Revision Date: 26/04/2022

Revision: 5

Supersedes Date: 19/05/2015

Hand protection					
Type Material		Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves Nitrile rubber (NBR)		6 (> 480 minutes)			EN 374-3

8.2.2.3. Respiratory protection

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Respiratory protection			
Device	Filter type	Condition	Standard
Disposable half mask	Type P2	Dust protection	EN 143

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Do not exceed the occupational exposure limits (OEL). Avoid creating or spreading dust.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid Colour : white. Odour : characteristic. Odour threshold : No data available pΗ No data available Relative evaporation rate (butylacetate=1) No data available Melting point No data available Freezing point No data available **Boiling point** No data available

Flash point : > 35 °C

Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available

Relative density : 1.3

Solubility : No data available
Partition coefficient n-octanol/water (Log Pow) : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available

9.2. Other information

VOC content : EU Limit value for this product (cat.A/i): 600g/l (2007)/500g/l (2010). This product contains max. 499g/l VOC

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

GB - en 7/14



Revision Date: 26/04/2022

Revision: 5

Supersedes Date: 19/05/2015

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

None under normal use.

Germ cell mutagenicity

Carcinogenicity

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Oxidizing agent. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

1	1	1	П	Inf	format	ion on t	oxico	logica	leffects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Acute toxicity (inhalation) :	Not classified
HYDROCARBONS, C9, Aromatics	
LD50 dermal rabbit	> 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 6.193 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
Hydrocarbons, C9-C12, n-alkanes, isoalkanes	s, cyclics, aromatics (2-25%) (919-446-0)
LD50 oral rat	> 15000 mg/kg
LD50 dermal rat	> 3400 mg/kg
LC50 Inhalation - Rat (Vapours)	> 13100 mg/l/4h
methyl methacrylate; methyl 2-methylprop-2-	enoate; methyl 2-methylpropenoate (80-62-6)
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
2-methoxy-1-methylethyl acetate (108-65-6)	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
Titanium Dioxide (13463-67-7)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	> 6.8 mg/l/4h
NAPTHA (PETROLEUM), HYDROTREATED H	EAVY: LOW BOILING POINT HYDROGEN (64742-48-9)
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
Skin corrosion/irritation :	Not classified
Serious eye damage/irritation :	Not classified
Respiratory or skin sensitisation :	Not classified

: Not classified: Not classified

GB - en 8/14



Revision Date: 26/04/2022

Revision: 5

Supersedes Date: 19/05/2015

60 mg/kg bodyweight Animal: rat, Animal sex: male, Remarks on results: other:Effect type: carcinogenicity (migrated information)			
75 mg/kg bodyweight Animal: rat, Animal sex: female, Remarks on results: other:Effect type: carcinogenicity (migrated information)			
Not classified			
May cause drowsiness or dizziness. May cause respiratory irritation.			
May cause drowsiness or dizziness. May cause respiratory irritation.			
s, cyclics, aromatics (2-25%) (919-446-0)			
May cause drowsiness or dizziness.			
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (80-62-6)			
May cause respiratory irritation.			
EAVY: LOW BOILING POINT HYDROGEN (64742-48-9)			
May cause drowsiness or dizziness. May cause respiratory irritation.			
Not classified			
600 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90- Day Oral Toxicity in Rodents)			
≥ 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)			
> 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)			

SECTION 12: Ecological information

12.1. Toxicity

Aspiration hazard

Hazardous to the aquatic environment, short-term : Not classified

(acute)

Hazardous to the aquatic environment, long-term

(chronic)

Not rapidly degradable

: Toxic to aquatic life with long lasting effects.

: Not classified

HYDROCARBONS, C9, Aromatics			
LC50 - Fish [1]	9.2 mg/l		
EC50 - Crustacea [1]	3.2		
EC50 72h - Algae [1]	2.9 mg/l		
EC50 72h - Algae [2]	0.29 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)		
NOEC chronic crustacea	2.14 mg/l 21 days		
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (919-446-0)			
LC50 - Fish [1]	10 mg/l		

GB - en 9/14



Revision Date: 26/04/2022 Revision: 5

Supersedes Date: 19/05/2015

ECS0 - Crustacea [1] 10 mg/l NOEC chronic fish 0.13 mg/l NOEC chronic crustacea 0.28 mg/l NOEC chronic algae 0.76 mg/l methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (80-62-6) LC50 - Fish [1] > 79 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) ECS0 - Crustacea [1] 69 mg/l Test organisms (species): Daphnia magna ECS0 72h - Algae [1] > 110 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous name) naphidocelis subcapitata, Selenastrum capricornutum) LOEC (chronic) 68 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC (chronic) 37 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC chronic fish 9.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC chronic fish 9.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC chronic fish 9.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC chronic fish 9.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC chronic mg/l Test organisms (species): Daphnia magna ECS0 72h - Algae [1] > 100 mg/l Test organisms (species): Daphnia magna ECS0 72h - Algae [1] > 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC (chronic) 2 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC chronic fish 47.5 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC chronic fish 47.5 mg/l Test organisms (species): Oryzias latipes Duration: '14 d' KAOLIN POLWHITE B (1332-58-7) LC50 - Fish [1] > 1000 mg/l ECS0 72h - Algae [1] > 1000 mg/l ECS0 72h - Algae [1] > 1000 mg/l	
NOEC chronic crustacea 0.28 mg/l NOEC chronic algae 0.76 mg/l methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (80-62-6) LCS0 - Fish [1] > 79 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) ECS0 - Crustacea [1] 69 mg/l Test organisms (species): Paphnia magna ECS0 72h - Algae [1] > 110 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous name: Raphidocelis subcapitata, Selenastrum capricornutum) LOEC (chronic) 68 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC (chronic) 37 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC chronic fish 9.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC chronic fish 2-methoxy-1-methylethyl acetate (108-65-6) LCS0 - Fish [1] > 100 mg/l Test organisms (species): Oryzias latipes ECS0 - Crustacea [1] > 500 mg/l Test organisms (species): Daphnia magna ECS0 72h - Algae [1] > 1000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous name: Brachydanio rerio) puration: '21 d' NOEC (chronic) > 100 mg/l Test organisms (species): Oryzias latipes ECS0 72h - Algae [1] > 1000 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC (chronic) > 100 mg/l Test organisms (species): Oryzias latipes Duration: '11 d' KAOLIN POLWHITE B (1332-58-7) LCS0 - Fish [1] > 1000 mg/l ECS0 - Crustacea [1] > 1000 mg/l ECS0 - Crustacea [1] > 1000 mg/l ECS0 - Crustacea [1] > 1000 mg/l	
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methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (80-62-6) LC50 - Fish [1]	
LC50 - Fish [1] > 79 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) EC50 - Crustacea [1] 69 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] > 110 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous na Raphidocelis subcapitata, Selenastrum capricornutum) LOEC (chronic) 68 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC (chronic fish 37 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC chronic fish 9.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC chronic fish 9.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC chronic fish 9.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC chronic fish 9.500 mg/l Test organisms (species): Oryzias latipes EC50 - Crustacea [1] > 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous na Raphidocelis subcapitata, Selenastrum capricornutum) NOEC (chronic) > 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC chronic fish 47.5 mg/l Test organisms (species): Oryzias latipes Duration: '14 d' KAOLIN POLWHITE B (1332-58-7) LC50 - Fish [1] > 1000 mg/l EC50 - Crustacea [1] > 1000 mg/l EC50 - Crustacea [1] > 1000 mg/l EC50 - Crustacea [1] > 1000 mg/l	
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EC50 - Crustacea [1] > 1000 mg/l EC50 72h - Algae [1] > 1000 mg/l	
EC50 72h - Algae [1] > 1000 mg/l	
BARIUM SULPHATE (7727-43-7)	
EC50 72h - Algae [1] > 1.15 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous na Raphidocelis subcapitata, Selenastrum capricornutum)	mes:
EC50 72h - Algae [2] > 30.07 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous Raphidocelis subcapitata, Selenastrum capricornutum)	ames:
Titanium Dioxide (13463-67-7)	
LC50 - Fish [1] > 10000 mg/l	
EC50 - Crustacea [1] > 10000 mg/l	
EC50 - Crustacea [2] 27.8 mg/l Test organisms (species): Daphnia magna	
EC50 72h - Algae [1] > 100 mg/l	
NOEC (chronic) ≥ 2.92 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	

12.2. Persistence and degradability

HYDROCARBONS, C9, Aromatics	
Biodegradation	78 % 28 days



Revision Date: 26/04/2022

Revision: 5

Supersedes Date: 19/05/2015

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Must follow special treatment according to local regulation.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

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

IMDG	IATA	ADN	RID
UN 1263	UN 1263	UN 1263	UN 1263
g name			
PAINT	Paint	PAINT	PAINT
iption			
UN 1263 PAINT, 3, III, MARINE POLLUTANT/ENVIRONME NTALLY HAZARDOUS	UN 1263 Paint, 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS
lass(es)			
3	3	3	3
	**************************************	3	3
III	III	III	III
ards			
Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
	UN 1263 g name PAINT ption UN 1263 PAINT, 3, III, MARINE POLLUTANT/ENVIRONME NTALLY HAZARDOUS lass(es) 3 III ards Dangerous for the	UN 1263 UN 1263 UN 1263 PAINT Paint Ption UN 1263 PAINT, 3, III, MARINE POLLUTANT/ENVIRONME NTALLY HAZARDOUS Blass(es) 3 3 III III III Britant Paint III III Britant Paint III III III Dangerous for the Dangerous for the	UN 1263 UN 1263 UN 1263 UN 1263 UN 1263 PAINT Paint PAINT Potion UN 1263 PAINT, 3, III, MARINE POLLUTANT/ENVIRONME NTALLY HAZARDOUS Bass(es) 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4

14.6. Special precautions for user

Overland transport

Classification code (ADR) : F1



Revision Date: 26/04/2022

Revision: 5

Supersedes Date: 19/05/2015

Special provisions (ADR) : 163, 367, 650

Limited quantities (ADR) : 51 Excepted quantities (ADR) : E1

: P001, IBC03, LP01, R001 Packing instructions (ADR)

Special packing provisions (ADR) : PP1 : MP19 Mixed packing provisions (ADR) Portable tank and bulk container instructions (ADR) : T2 Portable tank and bulk container special provisions : TP1, TP29

(ADR)

: LGBF Tank code (ADR) Vehicle for tank carriage : FL Transport category (ADR) : 3 Special provisions for carriage - Packages (ADR) : V12 Special provisions for carriage - Operation (ADR) : S2 Hazard identification number (Kemler No.) : 30

Orange plates

30 1263

Tunnel restriction code (ADR) : D/E EAC code : •3YE

Transport by sea

Special provisions (IMDG) : 163, 223, 367, 955

Limited quantities (IMDG) : 5L Excepted quantities (IMDG) : E1 Packing instructions (IMDG) : P001, LP01 Special packing provisions (IMDG) : PP1 IBC packing instructions (IMDG) : IBC03 Tank instructions (IMDG) : T2 Tank special provisions (IMDG) : TP1, TP29 EmS-No. (Fire) : F-E EmS-No. (Spillage) : S-E Stowage category (IMDG) : A

Properties and observations (IMDG) : Miscibility with water depends upon the composition.

: VE01

Air transport

PCA Excepted quantities (IATA) : E1 PCA Limited quantities (IATA) : Y344 PCA limited quantity max net quantity (IATA) : 10L PCA packing instructions (IATA) : 355 PCA max net quantity (IATA) : 60L CAO packing instructions (IATA) : 366 CAO max net quantity (IATA) : 220L : A3, A72, A192 Special provisions (IATA)

ERG code (IATA) : 3L

Inland waterway transport

Classification code (ADN) : F1 Special provisions (ADN)

: 163, 367, 650 Limited quantities (ADN) : 5L Excepted quantities (ADN) : E1 Equipment required (ADN) : PP, EX, A

Ventilation (ADN) Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : F1

Special provisions (RID) : 163, 367, 650

Limited quantities (RID) : 5L Excepted quantities (RID) : E1

Packing instructions (RID) : P001, IBC03, LP01, R001



Revision Date: 26/04/2022

Revision: 5

Supersedes Date: 19/05/2015

Special packing provisions (RID) : PP1
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T2
Portable tank and bulk container special provisions : TP1, TP29

(RID)

Tank codes for RID tanks (RID) : LGBF
Transport category (RID) : 3
Special provisions for carriage – Packages (RID) : W12
Colis express (express parcels) (RID) : CE4
Hazard identification number (RID) : 30

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Organic solvent

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

VOC content : EU Limit value for this product (cat.A/i): 600g/l (2007)/500g/l (2010). This product contains

max. 499g/I VOC

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:		
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2	
Asp. Tox. 1	Aspiration hazard, Category 1	
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.	
Flam. Liq. 2	Flammable liquids, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
H225	Highly flammable liquid and vapour.	
H226	Flammable liquid and vapour.	
H304	May be fatal if swallowed and enters airways.	
H315	Causes skin irritation.	



Revision Date: 26/04/2022

Revision: 5

Supersedes Date: 19/05/2015

Full text of H- and EUH-statements:		
H317	May cause an allergic skin reaction.	
H335	May cause respiratory irritation.	
H336	May cause drowsiness or dizziness.	
H411	Toxic to aquatic life with long lasting effects.	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis	

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.