

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 28/06/2024 Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Product name : TEMPORARY LINEMARKER WHITE 750ML

Product code : LM00090 Type of product : Paint Vaporizer Aerosol Product group : End product

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 : Consumer use, Professional use, Industrial use

Use of the substance/mixture : Spraying paint (spray can)

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

CID Trading LTD Unit 10 Peckfield **Business Park** Phoenix Avenue

Leeds LS25 4DY

T: 0113 201 1340 sales@cidgroup.co.uk

1.4. Emergency telephone number

: 0113 201 1340 **Emergency number**

Country/Area	Organisation/Company	Address	Emergency number
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aerosol, Category 1 H222;H229 Serious eye damage/eye irritation, Category 2 H319 Specific target organ toxicity - Single exposure, Category 3, H336

Narcosis

Hazardous to the aquatic environment - Chronic Hazard, H412

Category 3

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol. May cause drowsiness or dizziness. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

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2.2. Label elements

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

Hazard pictograms (CLP)





GHS02

GHS07

Signal word (CLP) : Danger

Contains : Hydrocarbons, C9, aromatics; Acetone Hazard statements (CLP) : H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

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

No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use. P261 - Avoid breathing vapours, spray.

P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves, eye protection.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C, 122

°F.

P501 - Dispose of contents/ container in accordance with local regulations.

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

breathe spray or mist.

EUH066 - Repeated exposure may cause skin dryness or cracking.

Child-resistant fastening : Not applicable Tactile warning : Not applicable

2.3. Other hazards

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

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Petroleum gases, liquefied (Contains < 0.1% 1,3-butadiene) substance with national workplace exposure limit(s) (BE, CZ, GB, GR, HR) (Note K)	CAS-No.: 68476-85-7 EC-No.: 270-704-2 EC Index-No.: 649-202-00-6	25 – 50	Flam. Gas 1A, H220 Press. Gas

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Acetone substance with national workplace exposure limit(s) (AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GI, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, AL, IS, NO, MK, RS, CH, TR); substance with a Community workplace exposure limit	CAS-No.: 67-64-1 EC-No.: 200-662-2 EC Index-No.: 606-001-00-8 REACH-no: 01-2119471330-	25 – 50	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066
Hydrocarbons, C9, aromatics	CAS-No.: 128601-23-0 EC-No.: 918-668-5	5 – 10	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Kaolin substance with national workplace exposure limit(s) (BE, BG, DK, FI, GB, HR, IE, PL, PT, IS, CH)	CAS-No.: 1332-58-7 EC-No.: 310-194-1	5 – 10	Not classified
Titanium dioxide substance with national workplace exposure limit(s) (AT, BE, BG, DK, EE, ES, FR, GB, GR, HR, IE, LT, LV, PL, PT, RO, SE, SK, IS, NO, CH) (Note V)(Note W)(Note 10)	CAS-No.: 13463-67-7 EC-No.: 236-675-5 EC Index-No.: 022-006-00-2 REACH-no: 01-2119489379- 17	2.5 – 3.5	Carc. 2, H351
n-butyl acetate substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, IS, MK, RS, CH); substance with a Community workplace exposure limit	CAS-No.: 123-86-4 EC-No.: 204-658-1 EC Index-No.: 607-025-00-1 REACH-no: 01-2119485493- 29	1 – 2.5	Flam. Liq. 3, H226 STOT SE 3, H336 Aquatic Chronic 3, H412 EUH066
Xylene (mixture of isomers) substance with national workplace exposure limit(s) (AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GI, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, AL, IS, NO, MK, RS, CH, TR); substance with a Community workplace exposure limit (Note C)	CAS-No.: 1330-20-7 EC-No.: 215-535-7 EC Index-No.: 601-022-00-9 REACH-no: 01-2119488216- 32	0.005 - 0.05	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight) Acute Tox. 4 (Inhalation), H332 (ATE=1.5 mg/l/4h) Acute Tox. 4 (Inhalation:dust,mist), H332 (ATE=1.5 mg/l/4h) Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304
Methyl methacrylate substance with national workplace exposure limit(s) (AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GI, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, AL, IS, NO, MK, RS, CH, TR); substance with a Community workplace exposure limit (Note D)	CAS-No.: 80-62-6 EC-No.: 201-297-1 EC Index-No.: 607-035-00-6	0.005 – 0.05	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H335
Butyl methacrylate substance with national workplace exposure limit(s) (DK, EE, LT, LV, PL, RO, SE, IS, NO) (Note D)	CAS-No.: 97-88-1 EC-No.: 202-615-1 EC Index-No.: 607-033-00-5 REACH-no: 01-2119486394- 28	0.005 – 0.05	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT SE 3, H335



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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethylbenzene substance with national workplace exposure limit(s) (AT, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GI, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, AL, IS, NO, MK, RS, CH, TR); substance with a Community workplace exposure limit	CAS-No.: 100-41-4 EC-No.: 202-849-4 EC Index-No.: 601-023-00-4	0.0000001 – 0.005	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 (ATE=1.5 mg/l/4h) Acute Tox. 4 (Inhalation:dust,mist), H332 (ATE=1.5 mg/l/4h) STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
2-methylpropan-1-ol substance with national workplace exposure limit(s) (AT, BE, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, IE, LT, LV, PL, PT, SE, SI, SK, IS, NO, MK, CH)	CAS-No.: 78-83-1 EC-No.: 201-148-0 EC Index-No.: 603-108-00-1 REACH-no: 01-2119484609- 23	0.0000001 – 0.005	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H336 STOT SE 3, H335

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.

Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the

supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Note D: Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market

in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the

words 'non-stabilised'.

Note K: The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than

0.1% w/w 1.3- butadiene (Einecs No 203-450-8), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least

the precautionary statements (P102-)P210-P403 shall apply.

Note V: If the substance is to be placed on the market as fibres (with diameter < 3 μ m, length > 5 μ m and aspect ratio \geq 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. This note aims to describe the particular toxicity of the

substance; it does not constitute a criterion for classification according to this Regulation.

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case.

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 : Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this

material is expected to be an inhalation hazard.

Symptoms/effects after skin contact : None under normal conditions.

Symptoms/effects after eye contact : Eye irritation.

Symptoms/effects after ingestion : None under normal conditions.

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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 : Water spray. Dry powder. Foam. Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Pressurised container: May burst if heated.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper

protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent

material damage.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing

dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal

protective equipment.



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Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked

up. Store in a well-ventilated place. Keep container tightly closed.

Packaging materials : Store always product in container of same material as original container.

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

n-butyl acetate (123-86-4)			
EU - Indicative Occupational Exposure Limit (IOEL)			
Local name	n-Butyl acetate		
IOEL TWA	241 mg/m³		
	50 ppm		
IOEL STEL	723 mg/m³		
	150 ppm		
Regulatory reference	COMMISSION DIRECTIVE (EU) 2019/1831		
United Kingdom - Occupational Exposur	e Limits		
Local name	Butyl acetate		
WEL TWA (OEL TWA)	724 mg/m³		
	150 ppm		
WEL STEL (OEL STEL)	966 mg/m³		
	200 ppm		
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE		
Xylene (mixture of isomers) (1330-20-7)			
EU - Indicative Occupational Exposure L	imit (IOEL)		
Local name	Xylene, mixed isomers, pure		
IOEL TWA	221 mg/m³		
	50 ppm		
IOEL STEL	442 mg/m³		
	100 ppm		
Remark	Skin		
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC		
United Kingdom - Occupational Exposure Limits			
Local name	Xylene		
WEL TWA (OEL TWA)	220 mg/m³ o-,m-,p- or mixed isomers		





Xylene (mixture of isomers) (1330-20-7)	
	50 ppm o-,m-,p- or mixed isomers
WEL STEL (OEL STEL)	441 mg/m³ o-,m-,p- or mixed isomers
	100 ppm o-,m-,p- or mixed isomers
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
United Kingdom - Biological limit values	
Local name	Xylene, o-, m-, p- or mixed isomers
BMGV	650 mmol/mol Creatinine Parameter: methyl hippuric acid - Medium: urine - Sampling time: Post shift
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
2-methylpropan-1-ol (78-83-1)	
United Kingdom - Occupational Exposure Limits	
Local name	2-Methylpropan-1-ol
WEL TWA (OEL TWA)	154 mg/m³
	50 ppm
WEL STEL (OEL STEL)	231 mg/m³
	75 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Ethylbenzene (100-41-4)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Ethylbenzene
IOEL TWA	442 mg/m³
	100 ppm
IOEL STEL	884 mg/m³
	200 ppm
Remark	Skin
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
United Kingdom - Occupational Exposure Limits	
Local name	Ethylbenzene
WEL TWA (OEL TWA)	441 mg/m³
	100 ppm
WEL STEL (OEL STEL)	552 mg/m³
	125 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





Methyl methacrylate (80-62-6)			
EU - Indicative Occupational Exposure Limit (IOEL)			
Local name	Methyl methacrylate		
IOEL TWA	50 ppm		
IOEL STEL	100 ppm		
Regulatory reference	COMMISSION DIRECTIVE 2009/161/EU		
United Kingdom - Occupational Exposure Limits			
Local name	Methyl methacrylate		
WEL TWA (OEL TWA)	208 mg/m³		
	50 ppm		
WEL STEL (OEL STEL)	416 mg/m³		
	100 ppm		
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)	4 mg/m³ respirable 10 mg/m³ total inhalable		
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE		
Kaolin (1332-58-7)			
United Kingdom - Occupational Exposure Limits			
Local name	Kaolin		
WEL TWA (OEL TWA)	2 mg/m³ respirable dust		
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE		
Acetone (67-64-1)			
EU - Indicative Occupational Exposure Limit (IOEL)			
Local name	Acetone		
IOEL TWA	1210 mg/m³		
	500 ppm		
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC		
United Kingdom - Occupational Exposure Limits			
Local name	cal name Acetone		
WEL TWA (OEL TWA)	1210 mg/m³		
	500 ppm		
WEL STEL (OEL STEL)	3620 mg/m³		
	1500 ppm		
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE		



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Petroleum gases, liquefied (Contains < 0.1% 1,3-butadiene) (68476-85-7)		
United Kingdom - Occupational Exposure Limits		
Local name Liquefied petroleum gas		
WEL TWA (OEL TWA)	1750 mg/m³	
	1000 ppm	
WEL STEL (OEL STEL)	2180 mg/m³	
	1250 ppm	
Remark	Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

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 good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Personal protective equipment symbol(s):







8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

Eye protection			
Туре	Field of application	Characteristics	Standard
Safety glasses			EN 166

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Skin and body protection		
Туре	Standard	
protective clothing	EN ISO 6530	



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Hand protection:

Protective gloves

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves, Reusable gloves					EN ISO 374

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid Colour white. Appearance Aerosol. Odour organic solvent. Odour threshold Not available Not available Melting point : Not available Freezing point : -40 - -2 °C (LPG) Boiling point

Flammability : Extremely flammable aerosol.

Explosive properties : Pressurised container: May burst if heated. Lower explosion limit : 1.4 vol % (LPG)

pH : substance/mixture is non-soluble (in water)

Viscosity, kinematic : < 20.5 mm²/s
Solubility : Not available
Partition coefficient n-octanol/water (Log Kow) : Not available

Vapour pressure : 590 – 1760 kPa (LPG)

Vapour pressure at 50°C : Not available
Density : Not available
Relative density : Not available
Relative vapour density at 20°C : Not available
Particle characteristics : Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

% of flammable ingredients $$: $\,$ 89.16021685 %

9.2.2. Other safety characteristics

VOC content : 620 g/l Volatility : Volatile

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SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

Reproductive toxicity

STOT-single exposure

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

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

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

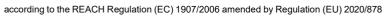
Acute toxicity (inhalation)	: Not classified
Xylene (mixture of isomers) (1330-20-7)	
LD50 dermal rabbit	12126 mg/kg bodyweight Animal: rabbit, Animal sex: male, Remarks on results: other:
Hydrocarbons, C9, aromatics (128601-23	-0)
LD50 dermal rabbit	> 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 6.193 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
Methyl methacrylate (80-62-6)	
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
Acetone (67-64-1)	
LD50 oral rat	5800 mg/kg bodyweight Animal: rat, Animal sex: female
LC50 Inhalation - Rat	76 mg/l air Animal: rat, Animal sex: female, 95% CL: 65,2 - 88,4
Skin corrosion/irritation	: Not classified pH: substance/mixture is non-soluble (in water)
Serious eye damage/irritation	: Causes serious eye irritation. pH: substance/mixture is non-soluble (in water)
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

n-butyl acetate (123-86-4) STOT-single exposure May cause drowsiness or dizziness.			· ···- , · ····- · · · · · · · · · · · · · · ·		
STOT-single exposure May cause drowsiness or dizziness.	n-butyl acetate (123-86-4)				
,		STOT-single exposure	May cause drowsiness or dizziness.		

: May cause drowsiness or dizziness.

: Not classified







Xylene (mixture of isomers) (1330-20-7)			
STOT-single exposure	May cause respiratory irritation.		
2-methylpropan-1-ol (78-83-1)			
STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.		
Hydrocarbons, C9, aromatics (128601-23-0)			
STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.		
Methyl methacrylate (80-62-6)			
STOT-single exposure	May cause respiratory irritation.		
Butyl methacrylate (97-88-1)			
STOT-single exposure	May cause respiratory irritation.		
Acetone (67-64-1)			
STOT-single exposure	May cause drowsiness or dizziness.		
STOT-repeated exposure :	Not classified		
Xylene (mixture of isomers) (1330-20-7)			
LOAEL (oral, rat, 90 days)	150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity)		
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.		
2-methylpropan-1-ol (78-83-1)			
NOAEL (oral, rat, 90 days)	> 1450 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)		
Ethylbenzene (100-41-4)			
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.		
Hydrocarbons, C9, aromatics (128601-23-0)			
NOAEL (oral, rat, 90 days)	600 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)		
Butyl methacrylate (97-88-1)			
LOAEC (inhalation, rat, gas, 90 days)	952 ppm Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28- Day Study)		
NOAEL (oral, rat, 90 days)	120 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90- Day Oral Toxicity Study in Rodents)		
Petroleum gases, liquefied (Contains < 0.1% 1,3-butadiene) (68476-85-7)			
LOAEC (inhalation, rat, gas, 90 days)	12000 ppm Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:		
Aspiration hazard :	Not classified		
TEMPORARY LINEMARKER WHITE 750ML			
Vaporizer	Aerosol		
Viscosity, kinematic	< 20.5 mm²/s		
Not able to form a pool	Yes		



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methylpropan-1-ol (78-83-1)			
Viscosity, kinematic	8702.757 mm²/s		
Ethylbenzene (100-41-4)			
Viscosity, kinematic	0.6 mm²/s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm²/s)' Remarks on result: 'other:'		
Methyl methacrylate (80-62-6)			
Viscosity, kinematic	0.561 mm²/s		
Butyl methacrylate (97-88-1)			
Viscosity, kinematic	1.06 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)' Remarks on result: 'other:'		

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

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

(acute)

Hazardous to the aquatic environment, long–term : Harmful to aquatic life with long lasting effects.

(chronic)

ronic)				
n-butyl acetate (123-86-4)				
EC50 - Other aquatic organisms [1]	32 mg/l Test organisms (species): Artemia salina			
EC50 72h - Algae [1]	674.7 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)			
Xylene (mixture of isomers) (1330-20-7)				
EC50 - Crustacea [1]	> 3.4 mg/l Test organisms (species): Ceriodaphnia dubia			
LOEC (chronic)	3.16 mg/l Test organisms (species): Daphnia magna Duration: '21 d'			
NOEC chronic fish	> 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d'			
2-methylpropan-1-ol (78-83-1)				
LC50 - Fish [1]	1430 mg/l Test organisms (species): Pimephales promelas			
EC50 - Crustacea [1]	1100 mg/l Test organisms (species): Daphnia pulex			
NOEC (chronic)	20 mg/l Test organisms (species): Daphnia magna Duration: '21 d'			
Hydrocarbons, C9, aromatics (128601-23-0)				
EC50 72h - Algae [1]	0.42 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)			
EC50 72h - Algae [2]	0.29 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)			
Methyl methacrylate (80-62-6)				
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			



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Methyl methacrylate (80-62-6)				
EC50 72h - Algae [1]	> 110 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: 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): Danio rerio (previous name: Brachydanio rerio) Duration: '35 d'			
Butyl methacrylate (97-88-1)				
LC50 - Fish [1]	11 mg/l Test organisms (species): Pimephales promelas			
LC50 - Fish [2]	5.57 mg/l Test organisms (species): Oryzias latipes			
EC50 - Crustacea [1]	32 mg/l Test organisms (species): Daphnia magna			
EC50 72h - Algae [1] 31.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous Raphidocelis subcapitata, Selenastrum capricornutum)				
Acetone (67-64-1)				
LOEC (chronic)	> 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'			
NOEC (chronic)	≥ 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'			
Petroleum gases, liquefied (Contains < 0.1% 1,3-butadiene) (68476-85-7)				
LC50 - Fish [1]	0.362 mg/l			
EC50 - Crustacea [1]	0.018 mg/l			
ErC50 algae	7.6 mg/l Source: ECOTOX			

12.2. Persistence and degradability

TEMPORARY LINEMARKER WHITE 750ML			
Persistence and degradability	Not rapidly degradable		
n-butyl acetate (123-86-4)			
Persistence and degradability	Not rapidly degradable		
Xylene (mixture of isomers) (1330-20-7)			
Persistence and degradability	Not rapidly degradable		
2-methylpropan-1-ol (78-83-1)			
Persistence and degradability	Not rapidly degradable		
Ethylbenzene (100-41-4)			
Persistence and degradability	Not rapidly degradable		
Hydrocarbons, C9, aromatics (128601-23-0)			
Persistence and degradability	Not rapidly degradable		
Methyl methacrylate (80-62-6)			
Persistence and degradability	Not rapidly degradable		
Butyl methacrylate (97-88-1)			
Persistence and degradability	Not rapidly degradable		



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itanium dioxide (13463-67-7)		
Persistence and degradability	Not rapidly degradable	
Kaolin (1332-58-7)		
Persistence and degradability	Not rapidly degradable	
Acetone (67-64-1)		
Persistence and degradability	Not rapidly degradable	
Petroleum gases, liquefied (Contains < 0.1% 1,3-butadiene) (68476-85-7)		
Persistence and degradability	Not rapidly degradable	

12.3. Bioaccumulative potential

Petroleum gases, liquefied (Contains < 0.1% 1,3-butadiene) (68476-85-7)	
Partition coefficient n-octanol/water (Log Pow)	≤ 2.8 Source: IUCLID

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation

Waste treatment methods

Sewage disposal recommendations

Product/Packaging disposal recommendations

Additional information

HP Code

- : Disposal must be done according to official regulations.
- : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- : Disposal must be done according to official regulations.
- : Disposal must be done according to official regulations.
- : Do not re-use empty containers.
- : HP3 "Flammable:"
 - flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
 - flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
 - flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
 - flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
 - water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
 - other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.
 - HP7 "Carcinogenic:" waste which induces cancer or increases its incidence
 - HP4 "Irritant skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.
 - HP14 "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment



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SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID			
14.1. UN number or ID n	umber						
UN 1950	UN 1950	UN 1950	UN 1950	UN 1950			
14.2. UN proper shipping	g name						
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	AEROSOLS			
Transport document descri	iption						
UN 1950 AEROSOLS, 2.1, (D)	UN 1950 AEROSOLS, 2.1	UN 1950 Aerosols, flammable, 2.1	UN 1950 AEROSOLS, 2.1	UN 1950 AEROSOLS, 2.1			
14.3. Transport hazard class(es)							
2.1	2.1	2.1	2.1	2.1			
14.4. Packing group							
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
14.5. Environmental haz	ards						
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No			
No supplementary information	No supplementary information available						

14.6. Special precautions for user

Overland transport

Classification code (ADR) : 5F

Special provisions (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 11
Excepted quantities (ADR) : E0
Packing instructions (ADR) : P20

Packing instructions (ADR) : P207, LP200 Special packing provisions (ADR) : PP87, RR6, L2

Mixed packing provisions (ADR): MP9Transport category (ADR): 2Special provisions for carriage - Packages (ADR): V14Special provisions for carriage - Loading, unloading: CV9, CV12

and handling (ADR)

Special provisions for carriage - Operation (ADR) : S2 Tunnel restriction code (ADR) : D

Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959

Limited quantities (IMDG) : SP277 Excepted quantities (IMDG) : E0 Packing instructions (IMDG) : P207, LP200 Special packing provisions (IMDG) : PP87, L2 EmS-No. (Fire) : F-D : S-U EmS-No. (Spillage) : None Stowage category (IMDG) : SW1, SW22 Stowage and handling (IMDG) Segregation (IMDG) : SG69

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Air transport

PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Y203
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 203
PCA max net quantity (IATA) : 75kg
CAO packing instructions (IATA) : 203
CAO max net quantity (IATA) : 150kg

Special provisions (IATA) : A145, A167, A802

ERG code (IATA) : 10L

Inland waterway transport

Classification code (ADN) : 5F

Special provisions (ADN) : 190, 327, 344, 625

Limited quantities (ADN) : 1 L

Excepted quantities (ADN) : E0

Equipment required (ADN) : PP, EX, A

Ventilation (ADN) : VE01, VE04

Rail transport

Classification code (RID) : 5F

Special provisions (RID) : 190, 327, 344, 625

Limited quantities (RID) : 1L Excepted quantities (RID) : E0

Packing instructions (RID) : P207, LP200 Special packing provisions (RID) : PP87, RR6, L2

Mixed packing provisions (RID) : MP9

Transport category (RID) : 2

Special provisions for carriage – Packages (RID) : W14

Special provisions for carriage - Loading, unloading : CW9, CW12

and handling (RID)

Colis express (express parcels) (RID) : CE2 Hazard identification number (RID) : 23

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

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Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

VOC Directive (2004/42)

VOC content : 620 g/l

Explosives Precursors Regulation (2019/1148)

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

ANNEX II REPORTABLE EXPLOSIVES PRECURSORS

List of substances on their own or in mixtures or in substances for which suspicious transactions and significant disappearances and thefts are to be reported within 24 hours.

Name		Nomenclature	Combined Nomenclature code for mixture without constituents which would determine classification under another CN code
Acetone	67-64-1	2914 11 00	ex 3824 99 92

Please see https://home-affairs.ec.europa.eu/policies/internal-security/counter-terrorism-and-radicalisation/protection/legislation-chemicals-used-home-made-explosives_en

Drug Precursors Regulation (273/2004)

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

Name	CN designation	CAS-No.	CN code	Category, Subcategory	Threshold	Annex
Acetone		67-64-1	2914 11 00	Category 3		Annex I

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
EC50	Median effective concentration	
EN	European Standard	
IARC	International Agency for Research on Cancer	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	





Abbreviations and acronyms:		
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disrupting properties	

Full text of H- and EUH-statements:		
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4	
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4	
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3	
Asp. Tox. 1	Aspiration hazard, Category 1	
Carc. 2	Carcinogenicity, Category 2	
EUH066	Repeated exposure may cause skin dryness or cracking.	
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Gas 1A	Flammable gases, Category 1A	
Flam. Liq. 2	Flammable liquids, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
H220	Extremely flammable gas.	
H222	Extremely flammable aerosol.	



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Full text of H- and EUH-statements:		
H225	Highly flammable liquid and vapour.	
H226	Flammable liquid and vapour.	
H229	Pressurised container: May burst if heated.	
H304	May be fatal if swallowed and enters airways.	
H312	Harmful in contact with skin.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H335	May cause respiratory irritation.	
H336	May cause drowsiness or dizziness.	
H351	Suspected of causing cancer.	
H373	May cause damage to organs through prolonged or repeated exposure.	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	
Press. Gas	Gases under pressure	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2	
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.