RESSOURCE EXTERIEUR BOIS HES MAT VELOUTE 8

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010 Issue date: 12/09/2017 Revision date: 22/10/2020 Version: 2.0

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

1.1. Product identifier

Product form	: Mixture
Trade name	: EXTERIEUR BOIS HES MAT VELOUTE 8
UFI	: 98U2-40KA-100D-647Y
Product code	: 102TM
Product group	: Trade product

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

1.2.1. Relevant identified uses

Main use category
Industrial/Professional use spec
Use of the substance/mixture

: Professional use

: For professional use only

: Apply paint on interior woodwork / outdoor

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

Ressource Rue de Mousselière 30133 Les Angles - FRANCE T +33(0)490254245 contact@ressource-decoration.com - www.ressource-peintures.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0344 892 0111	

SECTION 2: Hazards identification		
2.1. Classification of the substance or mix	ture	
Classification according to Regulation (EC) No. Flammable liquids, Category 3 Full text of H statements : see section 16	1272/2008 [CLP] H226	
Adverse physicochemical, human health and en Flammable liquid and vapour.	nvironmental effects	
2.2. Label elements		
Labelling according to Regulation (EC) No. 1272	2/2008 [CLP]	
Hazard pictograms (CLP)	: GHS02	
Signal word (CLP)	: Warning	
Hazard statements (CLP)	: H226 - Flammable liquid and vapour.	

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Precautionary statements (CLP)	: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
EUH-statements	No smoking. EUH066 - Repeated exposure may cause skin dryness or cracking.
2.3. Other hazards	

No additional information available

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-C11, isoalkanes, cyclics, < 2% aromatics	(CAS-No.) 1174522-20-3 (EC-No.) 919-857-5 (REACH-no) 01-2119463258-33	0 – 10,8476	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304
Hydrocarbons, C9-C11, isoalkanes, cyclics, < 2% aromatics	(EC-No.) 919-857-5 (REACH-no) 01-2119463258-33	0,25 – 3,122	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304
2-ethylhexanoic acid, zirconium salt	(CAS-No.) 22464-99-9 (EC-No.) 245-018-1 (REACH-no) 01-2119979088-21	≤ 0,5811	Repr. 2, H361d
trimethylolpropane	(CAS-No.) 77-99-6 (EC-No.) 201-074-9	0,01 – 0,15304	Repr. 2, H361fd
dipropylene glycol methyl ether substance with a Community workplace exposure limit	(CAS-No.) 34590-94-8 (EC-No.) 252-104-2 (REACH-no) 01-2119450011-60	≤ 0,12166	Not classified

SECTION 4: First aid measures

4.1. Description of first aid measures	
First-aid measures general	: In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing.
First-aid measures after eye contact	: Continue to rinse eye with clean water for 20-30 minutes, retracting eyelids often. Rinse eyes with water as a precaution.
First-aid measures after ingestion	: IF SWALLOWED : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. Specific treatment. 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 skin contact	: Cracking of the skin. Slight irritation. Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: Ingestion may cause nausea and vomiting.

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

Treat symptomatically.

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SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Special hazards arising from the subst	tance or mixture
Fire hazard Hazardous decomposition products in case of fire	 Flammable liquid and vapour. Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.
5.3. Advice for firefighters	
Precautionary measures fire Firefighting instructions	 Eliminate all ignition sources if safe to do so. Cool adjacent tanks / containers / drums with water jet. Do not enter fire area without proper protective equipment, including respiratory protection. Prevent fire fighting water from entering the environment. Fight fire from a safe distance or use hoses with support or cannon engine.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: On exposure to high temperature, may decompose, releasing toxic gases.

SECTION 6: Accidental release measures		
6.1. Personal precautions, prote	ective equipment and emergency procedures	
General measures	 Remove ignition sources. Clean up any spills as soon as possible, using an absorbent material to collect it. Avoid contact with skin and eyes. 	
6.1.1. For non-emergency personne		
Protective equipment	: Wear recommended personal protective equipment.	
Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking.	
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".	

6.2. Environmental precautions

Avoid release to the environment. Liquid spill: take up in dry sand/earth/vermiculite. Cover spill with non combustible material, e.g.: sand, earth, vermiculite.

6.3. Methods and material for containment and cleaning up		
For containment	: Stop leak without risks if possible. Consult an expert on waste disposal or treatment.	
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.	
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	: Do not allow contact with water. Always wash hands after handling the product. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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Precautions for safe handling Hygiene measures	 Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, including a	any incompatibilities
Technical measures Storage conditions Heat and ignition sources Information on mixed storage Storage area Special rules on packaging Packaging materials	 Ground/bond container and receiving equipment. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children. Store in a well-ventilated place. Store away from heat. Keep only in original container. Store in a closed container. Keep only in the original container in a cool,well-ventilated place away from combustible materials.

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

EU - Indicative Occupational Exposure Limit (IOEL) Local name (2-Methoxymethylethoxy)-propanol IOEL TWA 308 mg/m³ IOEL TWA [ppm] 50 ppm Notes Skin Austria - Occupational Exposure Limits Local name Local name Dipropylenglykolmonomethylether (Isomerengemisch) MAK (OEL TWA) 307 mg/m³ MAK (OEL TWA) [ppm] 50 ppm MAK (OEL STEL) 614 mg/m³ MAK (OEL STEL) [ppm] 100 ppm Remark (AT) H Belgium - Occupational Exposure Limits Local name Local name Dipropylenglycolmonomethylether GeL TWA 308 mg/m³ OEL TWA 308 mg/m³ Remark (BE) D	dipropylene glycol methyl ether (34590-94-8)			
IOEL TWA308 mg/m³IOEL TWA [ppm]50 ppmNotesSkinAustria - Occupational Exposure LimitsLocal nameDipropylenglykolmonomethylether (Isomerengemisch)MAK (OEL TWA)307 mg/m³MAK (OEL TWA) [ppm]50 ppmMAK (OEL STEL)614 mg/m³MAK (OEL STEL) [ppm]100 ppmRemark (AT)HBelgium - Occupational Exposure LimitsLocal nameDipropylènglycolmonométhylétherOEL TWA308 mg/m³OEL TWA50 ppm	EU - Indicative Occupational Exposure Limit (IOEL)			
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Local name Dipropylèneglycolmonométhyléther OEL TWA 308 mg/m³ OEL TWA [ppm] 50 ppm				
OEL TWA 308 mg/m³ OEL TWA [ppm] 50 ppm	Belgium - Occupational Exposure Limits			
OEL TWA [ppm] 50 ppm				
Permetri (PE)				
Remark (BE) D				
Bulgaria - Occupational Exposure Limits				
Local name пропанол•				
OEL TWA 308 mg/m ³				
Croatia - Occupational Exposure Limits				
Local name (2-Metoksimetiletoksi) propanol				

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dipropylene glycol methyl ether (34590-94-8)	
GVI (OEL TWA) [1]	308 mg/m ³
GVI (OEL TWA) [2]	50 ppm
Naznake (HR)	K, EU*
Czech Republic - Occupational Exposure Limits	
Local name	propanol(2-Methoxymethylethoxy)-(technická sm s isomer)
PEL (OEL TWA)	270 mg/m ³
PEL (OEL TWA) [ppm]	44,6 ppm
NPK-P (OEL C)	550 mg/m³
NPK-P (OEL C) [ppm]	90,8 ppm
Remark (CZ)	D
Denmark - Occupational Exposure Limits	
Local name	Dipropylenglycolmethylether (1994)
OEL TWA [1]	300 mg/m ³
OEL TWA [2]	50 ppm
Anmærkninger (DK)	EH
Estonia - Occupational Exposure Limits	
Local name	Dipropüleenglükooli monometüüleeter (2-etoksümetüületoksü)-propanool
OEL TWA	308 mg/m ³
OEL TWA [ppm]	50 ppm
Finland - Occupational Exposure Limits	
Local name	(2-Metoksimetyylietoksi)- propanoli
HTP (OEL TWA) [1]	310 mg/m ³
HTP (OEL TWA) [2]	50 ppm
France - Occupational Exposure Limits	
Local name	(2-méthoxyméthylethoxy)-propanol
VME (OEL TWA)	308 mg/m ³
VME (OEL TWA) [ppm]	50 ppm
Germany - Occupational Exposure Limits (TRGS 90	10)
Local name	(2-Methoxymethylethoxy)propanol(Isomerengemisch)
AGW (OEL TWA) [1]	310 mg/m³
AGW (OEL TWA) [2]	50 ppm
Remark	DFG,EU
Greece - Occupational Exposure Limits	
OEL TWA	600 mg/m³
OEL TWA [ppm]	100 ppm
OEL STEL	900 mg/m³
OEL STEL [ppm]	150 ppm
Hungary - Occupational Exposure Limits	
Local name	(2-METOXIMETILETOXI)-PROPANOL (Dipropilénglikol-monometil-éter)
AK (OEL TWA)	308 mg/m ³

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dipropylene glycol methyl ether (34590-94-8)			
CK (OEL STEL)	308 mg/m ³		
Megjegyzések (HU)	EU1		
Ireland - Occupational Exposure Limits			
Local name	(2-Methoxymethylethoxy)-I-propanol		
OEL TWA [1]	308 mg/m ³		
OEL TWA [2]	50 ppm		
Notes (IE)	Sk, IOELV		
Italy - Occupational Exposure Limits			
Local name	(2-Metossimetilotossi)-propanolo		
OEL TWA	308 mg/m ³		
OEL TWA [ppm]	50 ppm		
Latvia - Occupational Exposure Limits			
Local name	Metoksipropoksi propanols (dipropilēnglikola monometilēteris,DPM)		
OEL TWA	308 mg/m ³		
OEL TWA [ppm]	50 ppm		
Lithuania - Occupational Exposure Limits	•		
Local name	2-(2-metoksipropoksi)-propanolis (2-etoksimetiletoksi)-propanolis, dipropilenglikolio monometileteris		
IPRV (OEL TWA)	300 mg/m ³		
IPRV (OEL TWA) [ppm]	50 ppm		
TPRV (OEL STEL)	450 mg/m ³		
TPRV (OEL STEL) [ppm]	75 ppm		
Remark (LT)	0		
Malta - Occupational Exposure Limits			
Local name	(2-Methoxymethylethoxy)-propanol		
OEL TWA	308 mg/m ³		
OEL TWA [ppm]	50 ppm		
Netherlands - Occupational Exposure Limits			
Local name	Dipropyleenglycolmethylether		
MAC-TGG (OEL TWA)	300 mg/m ³		
Poland - Occupational Exposure Limits			
Local name	(2-Metoksymetyloetoksy)propanol		
NDS (OEL TWA)	240 mg/m ³		
NDSCh (OEL STEL)	480 mg/m³		
Portugal - Occupational Exposure Limits			
Local name	2-Metoximetiletoxipropanol (DPGME)		
OEL TWA [ppm]	100 ppm		
OEL STEL [ppm]	150 ppm		
Romania - Occupational Exposure Limits			
Local name	(2-metoximetiletoxi)-propanol		

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dipropylene glycol methyl ether (34590-94-8)	
OEL TWA	308 mg/m ³
OEL TWA [ppm]	50 ppm
Slovenia - Occupational Exposure Limits	
Local name	(2-metoksimetiletoksi)propanol (mešanica izomer)
OEL TWA	308 mg/m ³
OEL TWA [ppm]	50 ppm
Spain - Occupational Exposure Limits	
Local name	Éter metílico de dipropilenglicol
VLA-ED (OEL TWA) [1]	308 mg/m ³
VLA-ED (OEL TWA) [2]	50 ppm
Notes	Vía dérmica: (Indica que, en las exposiciones a esta sustancia, la aportación por la vía cutánea puede resultar significativa para elcontenido corporal total si no se adoptan medidas para prevenir la absorción. En estas situaciones, es aconsejable la utilización delcontrol biológico para poder cuantificar la cantidad global absorbida del contaminante. Para más información véase el Apartado 5 deeste documento.), VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo. Todos estos agentes químicos figuran al menos en una de las directivas de valores límite indicativos publicadas hasta ahora (ver Anexo C. Bibliografía). Los estados miembros disponen de un tiempo fijado en dichas directivas para su transposición a los valores límites de cada país miembro. Una vez adoptados, estos valores tienen la misma validez que el resto de los valores adoptados por el país.)
Sweden - Occupational Exposure Limits	
Local name	Dipropylene glycol monomethyl ether
NGV (OEL TWA)	300 mg/m³
NGV (OEL TWA) [ppm]	50 ppm
KTV (OEL STEL)	450 mg/m³
KTV (OEL STEL) [ppm]	75 ppm
United Kingdom - Occupational Exposure Limits	
Local name	(2-methoxymethylethoxy) propanol
WEL TWA (OEL TWA) [1]	308 mg/m³
WEL TWA (OEL TWA) [2]	50 ppm
Remark (WEL)	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)
Norway - Occupational Exposure Limits	
Local name	(2-Metoksymetyletoksy)-propanol
Grenseverdi (OEL TWA) [1]	300 mg/m ³
Grenseverdi (OEL TWA) [2]	50 ppm
Merknader (NO)	Н
Switzerland - Occupational Exposure Limits	
Local name	Oxyde de dipropylèneglycolméthyle (mélange d'isomères)
MAK (OEL TWA) [1]	300 mg/m ³
MAK (OEL TWA) [2]	50 ppm
KZGW (OEL STEL)	300 mg/m ³
KZGW (OEL STEL) [ppm]	50 ppm

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dipropylene glycol methyl ether (34590-94-8)	
Remark	15 min
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: Protective clothing. Wear gas mask if conc. in air >. Safe Personal protective equipment symbol(s):	ety glasses. Gloves.

8.2.2.1. Eye and face protection

Eye protection:	
Safety glasses	
0.0.0.0 Ekin protoction	
8.2.2.2. Skin protection	
8.2.2.2. Skin protection Skin and body protection:	

Hand protection:	
Protective gloves	

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.

Consumer exposure controls:

Avoid contact during pregnancy/while nursing. The substance is not classified for human health hazards or for environment effects and it is not PBT or vPvB so that no exposure assessment or risk characterisation is required. For tasks where the intervention of workers is required, the substance must be handled in accordance with good industrial hygiene and safety procedures.

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Other information:

Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical pr	roperties
9.1. Information on basic physical and ch	emical properties
Physical state	: Liquid
Colour	: white.
Odour	: Not available
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not applicable
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: ≥48 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: >7
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 500 – 2000 cP
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: 1,414 g/cm³
Relative density	: Not available
Relative vapour density at 20 °C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

VOC content

: < 300 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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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

10.6. Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NOx).

SECTION 11: Toxicological information

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

Hydrocarbons, C9-C11, isoalkanes, cyclics, < 2% aromatics (1174522-20-3)		
LD50 oral rat	> 5000 mg/kg (OECD 401 method)	
LD50 dermal rat > 5000 mg/kg (OECD 402 method)		

Hydrocarbons, C9-C11, isoalkanes, cyclics, < 2% aromatics		
LD50 oral rat	> 5000 mg/kg	
LD50 dermal rabbit	> 5000 mg/kg	
LC50 Inhalation - Rat	> 5 g/m³	

2-ethylhexanoic acid, zirconium salt (22464-99-9)		
LD50 oral rat	> 2000 mg/kg	
LD50 dermal rabbit	> 2000 mg/kg	
Skin corrosion/irritation	: Not classified pH: > 7	
Serious eye damage/irritation	: Not classified pH: > 7	
Respiratory or skin sensitisation	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
STOT-single exposure	: Not classified	

Hydrocarbons, C9-C11, isoalkanes, cyclics, < 2% aromatics (1174522-20-3)	
STOT-single exposure	May cause drowsiness or dizziness.

Hydrocarbons, C9-C11, isoalkanes, cyclics, < 2% aromatics		
STOT-single exposure	May cause drowsiness or dizziness.	
STOT-repeated exposure :	Not classified	
Aspiration hazard :	Not classified	

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11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information			
12.1. Toxicity			
Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-ter effects in the environment.			
Hazardous to the aquatic environment, short-term (acute)	: Not classified		
Hazardous to the aquatic environment, long-term (chronic)	: Not classified		
Hydrocarbons, C9-C11, isoalkanes, cyclics, < 2% aromatics (1174522-20-3)			
LC50 - Fish [1]	> 1000 mg/l 96 Hours (Onchorhynchus mykiss) (OECD 203 method)		

EC50 - Crustacea [1]	> 1000 mg/l 48 Hours (Daphnia magma) (OECD 202 method)
ErC50 algae	> 1000 mg/l 72 Hours (Scenedesmus subspicatus) (OECD 201 method)

Hydrocarbons, C9-C11, isoalkanes, cyclics, < 2% aromatics		
LC50 - Fish [1]	> 1000 mg/l 96 Hours (Onchorhynchus mykiss)	
EC50 - Crustacea [1] > 1000 mg/l 48 Hours (Daphnia magma)		

12.2. Persistence and degradability

No additional information available

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. 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 legislation (waste)	: Disposal must be done according to official regulations.		
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.		
Sewage disposal recommendations	: Disposal must be done according to official regulations.		
Product/Packaging disposal recommendations	: Avoid release to the environment. Discharging into rivers and drains is forbidden. Dispose in a safe manner in accordance with local/national regulations.		
Additional information	: Flammable vapours may accumulate in the container.		
Ecology - waste materials	: Avoid release to the environment.		
European List of Waste (LoW) code	: 08 01 12 - waste paint and varnish other than those mentioned in 08 01 11		

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ADR	IMDG	IATA	ADN	RID
I4.1. UN number or ID n	umber			
UN 1263	UN 1263	UN 1263	Not applicable	Not applicable
14.2. UN proper shippin	g name			
PAINT (MIXTURE ;)	PAINT (MIXTURE ;)	(MIXTURE ;)	Not applicable	Not applicable
Transport document descr	iption			
UN 1263 PAINT (MIXTURE ;), 3, III, (D/E)	UN 1263 PAINT (MIXTURE ;), 3, III	UN 1263 (MIXTURE ;)	Not applicable	Not applicable
14.3. Transport hazard o	lass(es)	I	I	
3	3	Not applicable	Not applicable	Not applicable
		Not applicable	Not applicable	Not applicable
14.4. Packing group				
111	III	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	Not applicable	Not applicable
No supplementary informatio	n available	I	I	

Overland transport

Transport regulations (ADR)	:	Not subject to this regulation if Q <450I
Classification code (ADR)	:	F1
Special provisions (ADR)	:	163, 640E, 650, 367
Limited quantities (ADR)	:	51
Excepted quantities (ADR)	:	E1
Packing instructions (ADR)	:	P001, IBC03, LP01, R001
Special packing provisions (ADR)	:	PP1
Mixed packing provisions (ADR)	:	MP19
Portable tank and bulk container instructions (ADR)	:	T2
Portable tank and bulk container special provisions	:	TP1, TP29
(ADR)		
Tank code (ADR)	:	LGBF
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

Tunnel restriction code (ADR)	: D/E
EAC code	: •3YE
Transport by sea Transport regulations (IMDG)	: Non soumis à la réglementation IMDG si Q< 30 l

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Special provisions (IMDG)	: 163, 223, 955, 367
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.
Air transport	
No data available	
Inland waterway transport	
Not applicable	

Not applicable

Rail transport Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

Reference code Applicable on

3(b) 2-ethylhexanoic acid, zirconium salt

Contains no substance on the REACH candidate list

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

VOC content

: < 300 g/l

15.1.2. National regulations

France

Occupational dise	ases	
Code	Description	
RG 25	Diseases resulting from silicates (kaolin, talc), gr	the inhalation of mineral dust containing crystalline silica (quartz, cristobalite, tridymite), crystalline aphite or coal.
RG 36	Diseases caused by oils	and fats of mineral or synthetic origin
RG 84	hydrocarbons and mixtu alcohols; glycols, glycol	uid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid res thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide
Other information, restrictions and prohibition		: VOC Directive 2004/42/EC - Decorative paints and varnishes
regulations	·	Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Germany		
Water hazard class	s (WGK)	: WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)
Hazardous Incident Ordinance (12. BImSchV)		: Is not subject of the Hazardous Incident Ordinance (12. BImSchV)
Netherlands		

: None of the components are listed

SZW-lijst van kankerverwekkende stoffen

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SZW-lijst van mutagene stoffen NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	None of the components are listedNone of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	: None of the components are listed
Denmark	
Classification remarks	: Emergency management guidelines for the storage of flammable liquids must be followed
Danish National Regulations	: Pregnant/breastfeeding women working with the product must not be in direct contact with the product
Switzerland	
Storage class (LK)	: LK 3 - Flammable liquids

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:		
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
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	
ΙΑΤΑ	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
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	
РВТ	Persistent Bioaccumulative Toxic	

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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
Data sources	Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013. 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.
Training advice	: Normal use of this product shall imply use in accordance with the instructions on the packaging.
Other information	: The working conditions of the user are not known to us, the information provided in this safety data sheet are based on the State of our knowledge and on both national and Community regulations. The mixture

considered a description of the safety requirements to this mixture and not as a guarantee of the properties of it. The working conditions of the user are not known to us, the information provided in this safety data sheet are based on the State of our knowledge and on both national and Community regulations. The mixture should not be used for other uses as those specified in section 1 without first obtaining prior written handling instructions. It is always the responsibility of the user to take all the necessary measures to meet the requirements of the laws and local regulations. The information provided in this safety data sheet should be considered a description of the safety requirements to this mixture and not as a guarantee of the properties of it.

should not be used for other uses as those specified in section 1 without first obtaining prior written handling instructions. It is always the responsibility of the user to take all the necessary measures to meet the requirements of the laws and local regulations. The information provided in this safety data sheet should be

Full text of H- and EUH-statements:	
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 2	Reproductive toxicity, Category 2
Repr. 2	Reproductive toxicity, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H361d	Suspected of damaging the unborn child.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
EUH066	Repeated exposure may cause skin dryness or cracking.

Safety Data Sheet (SDS), EU

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

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.