

HARDENER FOR C2007 UHS 1:2

ECT	TION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING						
1	Product identifier: HARDENER FOR C2007 UHS 1:2						
	Other means of identification:						
	UFI: Y6K3-D0KP-H000-FRR4						
2	Relevant identified uses of the substance or mixture and uses advised against:						
	Relevant uses: Car repair; hardener for coatings. For professional users only.						
	Uses advised against: All uses not specified in this section or in section 7.3						
3	Details of the supplier of the safety data sheet:						
.4	Troton Sp. z o.o. Ząbrowo 14A 78-120 Gościno - Zachodniopomorskie - Polska Phone: +48 94 35 123 94 - Fax: +48 94 35 126 22 troton@troton.com.pl www.troton.pl / www.troton.eu Emergency telephone number: (8am-4pm)+48 094 35 123 94; 112						
FCT	TION 2: HAZARDS IDENTIFICATION						
1	Classification of the substance or mixture:						
	CLP Regulation (EC) No 1272/2008:						
	Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.						
.2	Acute Tox. 4: Acute inhalation toxicity, Category 4, H332 Flam. Liq. 3: Flammable liquids, Category 3, H226 Skin Sens. 1: Sensitisation, skin, Category 1, H317 STOT SE 3: Respiratory tract toxicity, single exposure, Category 3, H335 Label elements:						
	CLP Regulation (EC) No 1272/2008:						
	Warning						
	Hazard statements:						
	Acute Tox. 4: H332 - Harmful if inhaled. Flam. Liq. 3: H226 - Flammable liquid and vapour. Skin Sens. 1: H317 - May cause an allergic skin reaction. STOT SE 3: H335 - May cause respiratory irritation.						
	Precautionary statements:						
	 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280: Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear. P302+P352: IF ON SKIN: Wash with plenty of water. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P403+P233: Store in a well-ventilated place. Keep container tightly closed. P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively. 						
	Supplementary information:						
	EUH066: Repeated exposure may cause skin dryness or cracking. EUH204: Contains isocyanates. May produce an allergic reaction.						
	Substances that contribute to the classification						
	Hexamethylene diisocyanate, oligomers; Xylene; 2-butoxyethyl acetate; Hexamethylene-di-isocyanate Additional Labelling:						
	As from 24 August 2023 adequate training is required before industrial or professional use.						
.3	Other hazards:						



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SECT	FION 2	: HAZARDS IDE	NTIFICATION (co	ontinued)					
		ct fails to meet PB rine-disrupting pro	T/vPvB criteria operties: The produc	t fails to meet	the criteria.				
SECT	FION 3	: COMPOSITIO	N/INFORMATION	ON INGRE	DIENTS				
3.1	Substance:								
	Non-a	pplicable							
3.2 Mixture:									
	Chemical description: Mixture composed of chemical products								
	Components:								
	In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:								
		Identification	Chemical name/Classification					Concentration	
	CAS: EC:	28182-81-2 931-274-8	Hexamethylene diisocyanate, oligomers ⁽¹⁾ Self-classified						
	Index:	Non-applicable 01-2119485796-17- XXXX	Regulation 1272/2008	Acute Tox. 4: H3	32; Skin Sens. 1: H317; STOT SE 3: H33	35 - Warning	¢	50 - <75 %	
	CAS: EC:	123-86-4 204-658-1 : 607-025-00-1 H: 01-2119485493-29- XXXX	N-butyl acetate ⁽¹⁾				ATP CLP00		
	Index:		Regulation 1272/2008	Flam. Liq. 3: H22	6; STOT SE 3: H336; EUH066 - Warning	I	(!)	10 - <25 %	
	CAS:	1330-20-7	Xylene ⁽¹⁾				Self-classified		
		215-535-7 601-022-00-9 01-2119488216-32- XXXX	Regulation 1272/2008		e Tox. 4: H312+H332; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Eye Irrit. 319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3:				
	CAS:	112-07-2	2-butoxyethyl acetate ⁽¹⁾ ATP CLP00						
		203-933-3 607-038-00-2 01-2119475112-47- XXXX	Regulation 1272/2008	Acute Tox. 4: H3	12+H332 - Warning		(1)	5 - <10 %	
	CAS:	822-06-0 212-485-8	Hexamethylene-di-is	socyanate ⁽¹⁾			ATP CLP00		
		615-011-00-1 01-2119457571-37- XXXX	Regulation 1272/2008		31; Eye Irrit. 2: H319; Resp. Sens. 1: H3 TOT SE 3: H335 - Danger	34; Skin Irrit. 2: H315; 5	Skin 🛞 🐼	<1 %	

(1) Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Other information:

Identification	Specific concentration limit
	% (w/w) >=0,5: Resp. Sens. 1 - H334 % (w/w) >=0,5: Skin Sens. 1 - H317

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:



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SECTION 4: FIRST AID MEASURES (continued)							
Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product. By ingestion/aspiration:							
 Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion. 4.2 Most important symptoms and effects, both acute and delayed: 							
	-	yed effects are indicated in sections 2 a	-				
4.3		any immediate medical attention		ed:			
	Non-applicable	-	-				
SECTION 5: FIREFIGHTING MEASURES							
SEC	TION 5: FIREFI	GHTING MEASURES					
SEC ⁻	FION 5: FIREFI						
	Extinguishing						
	Extinguishing Suitable extin	media: guishing media:	BC powder), alternatively use fo	oam or carbon dioxide extinguishers (CO2).			
	Extinguishing Suitable extin If possible use p	media: guishing media:	BC powder), alternatively use f	oam or carbon dioxide extinguishers (CO2).			
	Extinguishing Suitable extin If possible use p Unsuitable ext	media: guishing media: polyvalent powder fire extinguishers (A		oam or carbon dioxide extinguishers (CO2).			
	Extinguishing Suitable extin If possible use p Unsuitable ext IT IS RECOMME	media: guishing media: polyvalent powder fire extinguishers (A tinguishing media:	extinguishing agent.	oam or carbon dioxide extinguishers (CO2).			
5.1	Extinguishing Suitable extin If possible use p Unsuitable ext IT IS RECOMME Special hazard As a result of co consequently, ca	media: guishing media: polyvalent powder fire extinguishers (A tinguishing media: ENDED NOT to use full jet water as an o ds arising from the substance or m ombustion or thermal decomposition re an present a serious health risk.	extinguishing agent.				
5.1	Extinguishing Suitable extin If possible use p Unsuitable ext IT IS RECOMME Special hazard As a result of co consequently, ca Advice for fire	media: guishing media: polyvalent powder fire extinguishers (A tinguishing media: NDED NOT to use full jet water as an o ds arising from the substance or m ombustion or thermal decomposition re an present a serious health risk. fighters:	extinguishing agent. ixture: active sub-products are created				

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

ECT	ION 7: HANDLING AN	ID STORAGE						
.1	Precautions for safe h	andling:						
	A General precautions	-						
	Comply with the curr spills and residues, d cleanliness where da	rent legislation concerning the p lestroying them with safe metho ngerous products are used.	ods (section 6). Avoid leakages	eep containers hermetically sealed. Control s from the container. Maintain order and				
	B Technical recommendations for the prevention of fires and explosions							
	Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 2014/34/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.							
	Do not eat or drink during the process, washing hands afterwards with suitable cleaning products. D Technical recommendations to prevent environmental risks							
		o have absorbent material availa		product (See subsection 6.3)				
7.2		orage, including any incomp						
	A Technical measures	• • • • •						
	Minimum Temp.:	15 °C						
	Maximum Temp.:	25 °C						
	Maximum time:	12 Months						
	B General conditions for	or storage						
		5	d contact with food. For additi	onal information see subsection 10.5				
7.3	Specific end use(s):	·, ···· , ···· , ···· , · ··· , · · · ·						
	Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.							

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification	Occupational exposure limits			
N-butyl acetate	IOELV (8h)	50 ppm	241 mg/m ³	
CAS: 123-86-4 EC: 204-658-1	IOELV (STEL)	150 ppm	723 mg/m ³	
Xylene	IOELV (8h)	50 ppm	221 mg/m ³	
CAS: 1330-20-7 EC: 215-535-7	IOELV (STEL)	100 ppm	442 mg/m ³	
2-butoxyethyl acetate	IOELV (8h)	20 ppm	133 mg/m ³	
CAS: 112-07-2 EC: 203-933-3	IOELV (STEL)	50 ppm	333 mg/m ³	

DNEL (Workers):

	Short e	exposure	Long exposure		
Identification	Systemic	Local	Systemic	Local	
Hexamethylene diisocyanate, oligomers	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 28182-81-2	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 931-274-8	Inhalation	Non-applicable	1 mg/m ³	Non-applicable	0,5 mg/m ³
N-butyl acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 123-86-4	Dermal	11 mg/kg	Non-applicable	11 mg/kg	Non-applicable
EC: 204-658-1	Inhalation	600 mg/m ³	600 mg/m ³	300 mg/m ³	300 mg/m ³

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

		Short	exposure	Long	exposure
Identification		Systemic	Local	Systemic	Local
Xylene	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 1330-20-7	Dermal	Non-applicable	Non-applicable	212 mg/kg	Non-applicable
EC: 215-535-7	Inhalation	442 mg/m ³	442 mg/m ³	221 mg/m ³	221 mg/m ³
2-butoxyethyl acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 112-07-2	Dermal	120 mg/kg	Non-applicable	169 mg/kg	Non-applicable
EC: 203-933-3	Inhalation	Non-applicable	333 mg/m ³	133 mg/m ³	Non-applicable
Hexamethylene-di-isocyanate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 822-06-0	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 212-485-8	Inhalation	Non-applicable	0,07 mg/m ³	Non-applicable	0,035 mg/m ³

DNEL (General population):

	Short e	exposure	Long exposure		
Identification	Systemic	Local	Systemic	Local	
N-butyl acetate	Oral	2 mg/kg	Non-applicable	2 mg/kg	Non-applicable
CAS: 123-86-4	Dermal	6 mg/kg	Non-applicable	6 mg/kg	Non-applicable
EC: 204-658-1	Inhalation	300 mg/m ³	300 mg/m ³	35,7 mg/m ³	35,7 mg/m ³
Xylene	Oral	Non-applicable	Non-applicable	12,5 mg/kg	Non-applicable
CAS: 1330-20-7	Dermal	Non-applicable	Non-applicable	125 mg/kg	Non-applicable
EC: 215-535-7	Inhalation	260 mg/m ³	260 mg/m ³	65,3 mg/m ³	65,3 mg/m ³
2-butoxyethyl acetate	Oral	36 mg/kg	Non-applicable	8,6 mg/kg	Non-applicable
CAS: 112-07-2	Dermal	72 mg/kg	Non-applicable	102 mg/kg	Non-applicable
EC: 203-933-3	Inhalation	Non-applicable	200 mg/m ³	80 mg/m ³	Non-applicable

PNEC:

Identification				
Hexamethylene diisocyanate, oligomers	STP	88 mg/L	Fresh water	0,127 mg/L
CAS: 28182-81-2	Soil	53183 mg/kg	Marine water	0,013 mg/L
EC: 931-274-8	Intermittent	1,27 mg/L	Sediment (Fresh water)	266701 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	26670 mg/kg
N-butyl acetate	STP	35,6 mg/L	Fresh water	0,18 mg/L
CAS: 123-86-4	Soil	0,09 mg/kg	Marine water	0,018 mg/L
EC: 204-658-1	Intermittent	0,36 mg/L	Sediment (Fresh water)	0,981 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,098 mg/kg
Xylene	STP	6,58 mg/L	Fresh water	0,327 mg/L
CAS: 1330-20-7	Soil	2,31 mg/kg	Marine water	0,327 mg/L
EC: 215-535-7	Intermittent	0,327 mg/L	Sediment (Fresh water)	12,46 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	12,46 mg/kg
2-butoxyethyl acetate	STP	90 mg/L	Fresh water	0,304 mg/L
CAS: 112-07-2	Soil	0,415 mg/kg	Marine water	0,03 mg/L
EC: 203-933-3	Intermittent	0,56 mg/L	Sediment (Fresh water)	2,03 mg/kg
	Oral	0,06 g/kg	Sediment (Marine water)	0,203 mg/kg
Hexamethylene-di-isocyanate	STP	8,42 mg/L	Fresh water	Non-applicable
CAS: 822-06-0	Soil	Non-applicable	Marine water	Non-applicable
EC: 212-485-8	Intermittent	Non-applicable	Sediment (Fresh water)	Non-applicable
	Oral	Non-applicable	Sediment (Marine water)	Non-applicable

8.2 **Exposure controls:**

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection



Pictogram	1	PPE	Labelling		CEN Standard		Remarks
Mandatory respiratory tr protection	vapour	ask for gases and 's (Filter type: A)	CAT III	EN	405:2002+A1:2010	Ċ	lace when there is a taste or smell of the ontaminant inside the face mask. If the contaminant comes with warnings it is commended to use isolation equipment.
C Specific prot	ection for the	hands					
Pictogram	1	PPE	Labelling		CEN Standard		Remarks
Mandatory ha protection	protectiv Nitrile, Br	sposable chemical e gloves (Material: eakthrough time: > Thickness: 0.4 mm)	CAT III	EN 16) 374-1:2016+A1:2018 5523-1:2015+A1:2018 N ISO 21420:2020	manufa the p	he Breakthrough Time indicated by the acturer must exceed the period during whi roduct is being used. Do not use protective ns after the product has come into contact with skin.
						ial car	not be calculated in advance with
		erefore to be che	cked prior to t	he appl	lication.		
D Eye and face	protection						
Pictogram	1	PPE	Labelling		CEN Standard		Remarks
Mandatory fa protection	splas	nic glasses against sh/projections.		E	EN 166:2002 N ISO 4007:2018		daily and disinfect periodically according to anufacturer's instructions. Use if there is a risk of splashing.
E Body protect	ion						
Pictogram	1	PPE	Labelling		CEN Standard		Remarks
Mandatory com body protecti	protectio plete risks, w	able clothing for n against chemical /ith antistatic and roof properties		E	EN 1149-1,2,3 3034:2005+A1:2009 EN ISO 13982- 1:2004/A1:2010 N ISO 6529:2013 N ISO 6530:2005 V ISO 13688:2013 EN 464:1994		professional use only. Clean periodically ording to the manufacturer's instructions.
Mandatory for protection	protectio risk, with resis	ty footwear for n against chemical antistatic and heat tant properties		Eľ	N ISO 13287:2020 N ISO 20345:2011 EN 13832-1:2019	Re	place boots at any sign of deterioration.
F Additional er	• •						
Emergeno	cy measure	Sta	andards		Emergency measu	re	Standards
Emeraen			5I Z358-1 11, ISO 3864-4:20	I Z358-1 1, ISO 3864-4:2011 Eyewash stations		5	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011
Environmental		ontrols:			,		
	ith the comm	unity legislation f					nmended to avoid environmental

V.O.C. (Supply):	40 % weight
V.O.C. density at 20 °C:	520 kg/m ³ (520 g/L)
Average carbon number:	6,85
Average molecular weight:	125,7 g/mol



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SECT	TION 9: PHYSIC	AL AND CHEMICAL PROPERTIE	S	
9.1	Information or	ı basic physical and chemical pro	perties:	
_		ormation see the product datasheet.		
	Appearance:	·		
	Physical state at	20 °C:	Liquid	
	Appearance:		Fluid	
	Colour:		Colourless	
	Odour:		Characteristic	
	Odour threshold:		Non-applicable *	
	Volatility:			
	Boiling point at a	tmospheric pressure:	141 °C	
	Vapour pressure	at 20 °C:	834 Pa	
	Vapour pressure	at 50 °C:	4265,41 Pa (4,27 kPa)	
	Evaporation rate	at 20 °C:	Non-applicable *	
	Product descri	ption:		
	Density at 20 °C	:	1300 kg/m ³	
	Relative density	at 20 ºC:	1,025	
	Dynamic viscosit	y at 20 °C:	3000 cP	
	Kinematic viscos	ity at 20 °C:	2928,22 mm²/s	
	Kinematic viscos	ity at 40 °C:	Non-applicable *	
	Concentration:		Non-applicable *	
	pH:		Non-applicable *	
	Vapour density a	t 20 ºC:	Non-applicable *	
	Partition coefficie	ent n-octanol/water 20 °C:	Non-applicable *	
	Solubility in wate	er at 20 °C:	Non-applicable *	
	Solubility proper	ties:	Non-applicable *	
	Decomposition to	emperature:	Non-applicable *	
	Melting point/fre	ezing point:	Non-applicable *	
	Flammability:			
	Flash Point:		35 °C	
	Flammability (so	lid, gas):	Non-applicable *	
	Autoignition tem	perature:	300 °C	
	Lower flammabil	ity limit:	Not available	
	Upper flammabil	ity limit:	Not available	
	Particle charac	teristics:		
	Median equivaler	nt diameter:	Non-applicable	
9.2	Other informat	tion:		
	Information w	ith regard to physical hazard clas	ises:	
	Explosive proper		Non-applicable *	
	Oxidising proper	ties:	Non-applicable *	
	Corrosive to met	als:	Non-applicable *	
	Heat of combust		Non-applicable *	
	components:	rcentage (by mass) of flammable	Non-applicable *	
	Other safety cl		Non ondischie *	
	Surface tension a		Non-applicable *	
	^Not relevant due to	the nature of the product, not providing info	rmation property of its hazards.	



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 SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

 Refraction index:
 Non-applicable *

 *Not relevant due to the nature of the product, not providing information property of its hazards.

 SECTION 10: STABILITY AND REACTIVITY

 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Risk of combustion	Avoid direct impact	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

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

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure: A- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- B- Inhalation (acute effect):
 - Acute toxicity : Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
 - Corrosivity/Irritability: Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.
- C- Contact with the skin and the eyes (acute effect):
 - Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
 - Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):



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	COLOGICAL INFORMATION (cor	ntinued)		
	enicity: Based on available data, the c s for the effects mentioned. For more	classification criteria are not met,	as it does not contain substa	nces classif
- Mutageni hazardous fo - Reproduc	city: Based on available data, the clas or this effect. For more information se tive toxicity: Based on available data, hazardous for this effect. For more ir	ee section 3. , the classification criteria are not		
E- Sensitizing e	effects:			
dangerous v - Skin: Pro	ry: Based on available data, the class vith sensitising effects. For more infor longed contact with the skin can resu et organ toxicity (STOT) - single expo	mation see section 3. It in episodes of allergic contact		classified a
	tion in respiratory passages, which is		to the upper respiratory passa	aes.
	et organ toxicity (STOT)-repeated ex	,	····//···//···//	5
However, it o	arget organ toxicity (STOT)-repeated does contain substances classified as beated exposure may cause skin dryne azard:	hazardous for this effect. For mo		re not met.
Other informa Non-applicable Specific toxico	blogy information on the substan	ces:		
	Identification		Acute toxicity	Genus
Hexamethylene dii	socyanate, oligomers	LD50 oral	5100 mg/kg	Rat
		LD50 derma	I >2000 mg/kg	
CAS: 28182-81-2				
CAS: 28182-81-2 EC: 931-274-8		LC50 inhalat		
		LC50 inhalat LD50 oral	tion 11 mg/L (ATEi) 12789 mg/kg	Rat
EC: 931-274-8			tion 11 mg/L (ATEi) 12789 mg/kg	
EC: 931-274-8 N-butyl acetate		LD50 oral	tion 11 mg/L (ATEi) 12789 mg/kg Il 14112 mg/kg	
EC: 931-274-8 N-butyl acetate CAS: 123-86-4	ate	LD50 oral LD50 derma	tion 11 mg/L (ATEi) 12789 mg/kg Il 14112 mg/kg	Rabbit
EC: 931-274-8 N-butyl acetate CAS: 123-86-4 EC: 204-658-1	ate	LD50 oral LD50 derma LC50 inhalat	tion 11 mg/L (ATEi) 12789 mg/kg Il 14112 mg/kg tion 23,4 mg/L (4 h) 2100 mg/kg	Rabbit Rat Rat
EC: 931-274-8 N-butyl acetate CAS: 123-86-4 EC: 204-658-1 2-butoxyethyl acet	ate	LD50 oral LD50 derma LC50 inhalat LD50 oral	tion 11 mg/L (ATEi) 12789 mg/kg I 14112 mg/kg tion 23,4 mg/L (4 h) 2100 mg/kg I 1480 mg/kg	Rabbit Rat Rat
EC: 931-274-8 N-butyl acetate CAS: 123-86-4 EC: 204-658-1 2-butoxyethyl acet CAS: 112-07-2	ate	LD50 oral LD50 derma LC50 inhalat LD50 oral LD50 derma	tion 11 mg/L (ATEi) 12789 mg/kg I 14112 mg/kg tion 23,4 mg/L (4 h) 2100 mg/kg I 1480 mg/kg	Rabbit Rat Rat Rabbit
EC: 931-274-8 N-butyl acetate CAS: 123-86-4 EC: 204-658-1 2-butoxyethyl acet CAS: 112-07-2 EC: 203-933-3	ate	LD50 oral LD50 derma LC50 inhalat LD50 oral LD50 derma LC50 inhalat	tion 11 mg/L (ATEi) 12789 mg/kg 14112 mg/kg tion 23,4 mg/L (4 h) 2100 mg/kg I 1480 mg/kg tion 11 mg/L (4 h) 2100 mg/kg	Rabbit Rat Rat Rabbit Rabbit
EC: 931-274-8 N-butyl acetate CAS: 123-86-4 EC: 204-658-1 2-butoxyethyl acet CAS: 112-07-2 EC: 203-933-3 Xylene	ate	LD50 oral LD50 derma LC50 inhalat LD50 derma LD50 derma LC50 inhalat LD50 oral	tion 11 mg/L (ATEi) 12789 mg/kg 12789 mg/kg 14112 mg/kg tion 23,4 mg/L (4 h) 2100 mg/kg 14 1480 mg/kg tion 11 mg/L (4 h) 2100 mg/kg tion 11 mg/L (4 h) 2100 mg/kg tion 11 mg/L (4 h)	Rabbit Rat Rat Rabbit Rat Rat
EC: 931-274-8 N-butyl acetate CAS: 123-86-4 EC: 204-658-1 2-butoxyethyl acet CAS: 112-07-2 EC: 203-933-3 Xylene CAS: 1330-20-7		LD50 oral LD50 derma LC50 inhalat LD50 derma LD50 derma LC50 inhalat LD50 oral LD50 oral LD50 oral	tion 11 mg/L (ATEi) 12789 mg/kg 12789 mg/kg 14112 mg/kg tion 23,4 mg/L (4 h) 2100 mg/kg 14 1480 mg/kg tion 11 mg/L (4 h) 2100 mg/kg tion 11 mg/L (4 h) 2100 mg/kg tion 11 mg/L (4 h)	Rabbit Rat Rat Rabbit Rat Rat
EC: 931-274-8 N-butyl acetate CAS: 123-86-4 EC: 204-658-1 2-butoxyethyl acet CAS: 112-07-2 EC: 203-933-3 Xylene CAS: 1330-20-7 EC: 215-535-7		LD50 oral LD50 derma LC50 inhalat LD50 oral LD50 derma LC50 inhalat LD50 oral LD50 derma LC50 inhalat	tion 11 mg/L (ATEi) 12789 mg/kg 12789 mg/kg 14112 mg/kg 14112 mg/kg tion 23,4 mg/L (4 h) 2100 mg/kg 1480 mg/kg tion 11 mg/L (4 h) 2100 mg/kg 11 mg/L (4 h) 11 mg/L (4 h) 2100 mg/kg tion 11 mg/L (ATEi) >2000 mg/kg >2000 mg/kg	Rabbit Rat Rat Rabbit Rat Rat
EC: 931-274-8 N-butyl acetate CAS: 123-86-4 EC: 204-658-1 2-butoxyethyl acet CAS: 112-07-2 EC: 203-933-3 Xylene CAS: 1330-20-7 EC: 215-535-7 Hexamethylene-di-		LD50 oral LD50 derma LC50 inhalat LD50 derma LD50 derma LC50 inhalat LD50 derma LD50 derma LC50 inhalat LD50 oral	tion 11 mg/L (ATEi) 12789 mg/kg 14112 mg/kg 14112 mg/kg 23,4 mg/L (4 h) 2100 mg/kg 1480 mg/kg 11 mg/L (4 h) 2100 mg/kg 11 100 mg/kg 11 mg/L (ATEi) >2000 mg/kg	Rabbit Rat Rat Rabbit Rat Rat
EC: 931-274-8 N-butyl acetate CAS: 123-86-4 EC: 204-658-1 2-butoxyethyl acet CAS: 112-07-2 EC: 203-933-3 Xylene CAS: 1330-20-7 EC: 215-535-7 Hexamethylene-di- CAS: 822-06-0 EC: 212-485-8		LD50 oral LD50 derma LC50 inhalat LD50 derma LD50 derma LC50 inhalat LD50 oral LD50 derma LD50 derma LD50 oral LD50 oral LD50 oral	tion 11 mg/L (ATEi) 12789 mg/kg 14112 mg/kg 14112 mg/kg 23,4 mg/L (4 h) 2100 mg/kg 1480 mg/kg 11 mg/L (4 h) 2100 mg/kg 11 100 mg/kg 11 mg/L (ATEi) >2000 mg/kg	Rabbit Rat Rabbit Rabbit Rat Rat Rat
EC: 931-274-8 N-butyl acetate CAS: 123-86-4 EC: 204-658-1 2-butoxyethyl acet CAS: 112-07-2 EC: 203-933-3 Xylene CAS: 1330-20-7 EC: 215-535-7 Hexamethylene-di- CAS: 822-06-0 EC: 212-485-8	isocyanate	LD50 oral LD50 derma LC50 inhalat LD50 derma LD50 derma LC50 inhalat LD50 oral LD50 derma LD50 derma LD50 oral LD50 oral LD50 oral	tion 11 mg/L (ATEi) 12789 mg/kg 14112 mg/kg 14112 mg/kg 23,4 mg/L (4 h) 2100 mg/kg 1480 mg/kg 11 mg/L (4 h) 2100 mg/kg 11 100 mg/kg 11 mg/L (ATEi) >2000 mg/kg	Rabbit Rat Rabbit Rat Rat Rat Rat Rat Rat
EC: 931-274-8 N-butyl acetate CAS: 123-86-4 EC: 204-658-1 2-butoxyethyl acet CAS: 112-07-2 EC: 203-933-3 Xylene CAS: 1330-20-7 EC: 215-535-7 Hexamethylene-di- CAS: 822-06-0 EC: 212-485-8	isocyanate 7 Estimate (ATE mix):	LD50 oral LD50 derma LC50 inhalat LD50 derma LD50 derma LC50 inhalat LD50 derma LC50 inhalat LD50 oral LD50 oral LD50 oral LD50 oral LD50 derma LC50 inhalat	tion 11 mg/L (ATEi) 12789 mg/kg 12789 mg/kg 14112 mg/kg 14112 mg/kg tion 23,4 mg/L (4 h) 2100 mg/kg 1480 mg/kg tion 11 mg/L (4 h) 2100 mg/kg 11 mg/L (4 h) 2000 mg/kg 3 mg/L (1 h) (ATEi)	Rabbit Rat Rabbit Rat Rat Rat Rat Rat Rat
EC: 931-274-8 N-butyl acetate CAS: 123-86-4 EC: 204-658-1 2-butoxyethyl acet CAS: 112-07-2 EC: 203-933-3 Xylene CAS: 1330-20-7 EC: 215-535-7 Hexamethylene-di- CAS: 822-06-0 EC: 212-485-8 Acute Toxicity	isocyanate Estimate (ATE mix): ATE mix	LD50 oral LD50 derma LC50 inhalat LD50 derma LC50 inhalat LD50 oral LD50 oral LD50 oral LD50 derma LC50 inhalat LD50 oral LD50 oral LD50 derma LC50 inhalat	tion 11 mg/L (ATEi) 12789 mg/kg 14112 mg/kg 23,4 mg/L (4 h) 2100 mg/kg 1480 mg/kg 1480 mg/kg 1480 mg/kg 11 mg/L (4 h) 2100 mg/kg 11 mg/L (ATEi) >2000 mg/kg 1 >2000 mg/kg 1 >2000 mg/kg 1 mg/L (1 h) (ATEi)	Rabbit Rat Rabbit Rat Rat Rat Rat Rat Rat
EC: 931-274-8 N-butyl acetate CAS: 123-86-4 EC: 204-658-1 2-butoxyethyl acet CAS: 112-07-2 EC: 203-933-3 Xylene CAS: 1330-20-7 EC: 215-535-7 Hexamethylene-di- CAS: 822-06-0 EC: 212-485-8 Acute Toxicity	isocyanate 7 Estimate (ATE mix): ATE mix >2000 mg/kg (Calc	LD50 oral LD50 derma LC50 inhalat LD50 derma LC50 inhalat LD50 derma LC50 inhalat LD50 derma LC50 inhalat LD50 oral LD50 oral LD50 derma LC50 inhalat LD50 derma LC50 inhalat	tion 11 mg/L (ATEi) 12789 mg/kg 12789 mg/kg 14112 mg/kg 23,4 mg/L (4 h) 2100 mg/kg 1480 mg/kg 1480 mg/kg 1480 mg/kg 11 mg/L (4 h) 2100 mg/kg 11 mg/L (ATEi) >2000 mg/kg 11 mg/L (ATEi) >2000 mg/kg 1 >2000 mg/kg 1 >2000 mg/kg 1 >2000 mg/kg 1 mg/L (1 h) (ATEi)	Rabbit Rat Rabbit Rat Rat Rat Rat Rat Rat
EC: 931-274-8 N-butyl acetate CAS: 123-86-4 EC: 204-658-1 2-butoxyethyl acetate CAS: 112-07-2 EC: 203-933-3 Xylene CAS: 1330-20-7 EC: 215-535-7 Hexamethylene-di- CAS: 822-06-0 EC: 212-485-8 Acute Toxicity Oral Dermal	-isocyanate	LD50 oral LD50 derma LC50 inhalat LD50 derma LC50 inhalat LD50 derma LC50 inhalat LD50 derma LC50 inhalat LD50 oral LD50 oral LD50 derma LC50 inhalat LD50 derma LC50 inhalat	tion 11 mg/L (ATEi) 12789 mg/kg 14112 mg/kg 14112 mg/kg 14112 mg/kg 23,4 mg/L (4 h) 2100 mg/kg 1 1480 mg/kg 1 1480 mg/kg 1 1480 mg/kg 1 100 mg/kg 1 11 mg/L (4 h) 2100 mg/kg 1 11 mg/L (ATEi) >2000 mg/kg 1 >2000 mg/kg 3 mg/L (1 h) (ATEi) Ingredient(s) of unknown Non-applicable 0 %	Rabbit Rat Rabbit Rat Rat Rat Rat Rat Rat
EC: 931-274-8 N-butyl acetate CAS: 123-86-4 EC: 204-658-1 2-butoxyethyl acet CAS: 112-07-2 EC: 203-933-3 Xylene CAS: 1330-20-7 EC: 215-535-7 Hexamethylene-di- CAS: 822-06-0 EC: 212-485-8 Acute Toxicity Oral Dermal Inhalation 1 Information o	-isocyanate	LD50 oral LD50 derma LC50 inhalat LD50 derma LC50 inhalat LD50 derma LC50 inhalat LD50 derma LC50 inhalat LD50 oral LD50 oral LD50 derma LC50 inhalat LD50 derma LC50 inhalat	tion 11 mg/L (ATEi) 12789 mg/kg 14112 mg/kg 14112 mg/kg 14112 mg/kg 23,4 mg/L (4 h) 2100 mg/kg 1 1480 mg/kg 1 1480 mg/kg 1 1480 mg/kg 1 100 mg/kg 1 11 mg/L (4 h) 2100 mg/kg 1 11 mg/L (ATEi) >2000 mg/kg 1 >2000 mg/kg 3 mg/L (1 h) (ATEi) Ingredient(s) of unknown Non-applicable 0 %	Rabbit Rat Rabbit Rat Rat Rat Rat Rat Rat

Non-applicable



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SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Toxicity:

Acute toxicity:

Identification		Concentration	Species	Genus
Hexamethylene diisocyanate, oligomers	LC50	Non-applicable		
CAS: 28182-81-2	EC50	Non-applicable		
EC: 931-274-8	EC50	1000 mg/L (72 h)	Scenedesmus subspicatus	Algae
N-butyl acetate	LC50	Non-applicable		
CAS: 123-86-4	EC50	Non-applicable		
EC: 204-658-1	EC50	675 mg/L (72 h)	Scenedesmus subspicatus	Algae
Xylene	LC50	>10 - 100 mg/L (96 h)		Fish
CAS: 1330-20-7	EC50	>10 - 100 mg/L (48 h)		Crustacean
EC: 215-535-7	EC50	>10 - 100 mg/L (72 h)		Algae
2-butoxyethyl acetate	LC50	80 mg/L (48 h)	Leuciscus idus	Fish
CAS: 112-07-2	EC50	37 mg/L (48 h)	Daphnia magna	Crustacean
EC: 203-933-3	EC50	500 mg/L (72 h)	Scenedesmus subspicatus	Algae

Chronic toxicity:

Identification	Concentration		Species	Genus
N-butyl acetate	NOEC	Non-applicable		
CAS: 123-86-4 EC: 204-658-1	NOEC	23,2 mg/L	Daphnia magna	Crustacean
Xylene	NOEC	1,3 mg/L	Oncorhynchus mykiss	Fish
CAS: 1330-20-7 EC: 215-535-7	NOEC	1,17 mg/L	Ceriodaphnia dubia	Crustacean

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degra	adability	Biodegradab	ility
N-butyl acetate	BOD5	Non-applicable	Concentration	Non-applicable
CAS: 123-86-4	COD	Non-applicable	Period	5 days
EC: 204-658-1	BOD5/COD	Non-applicable	% Biodegradable	84 %
Xylene	BOD5	Non-applicable	Concentration	Non-applicable
CAS: 1330-20-7	COD	Non-applicable	Period	28 days
EC: 215-535-7	BOD5/COD	Non-applicable	% Biodegradable	88 %
2-butoxyethyl acetate	BOD5	Non-applicable	Concentration	30 mg/L
CAS: 112-07-2	COD	Non-applicable	Period	28 days
EC: 203-933-3	BOD5/COD	Non-applicable	% Biodegradable	77,3 %
Hexamethylene-di-isocyanate	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 822-06-0	COD	Non-applicable	Period	28 days
EC: 212-485-8	BOD5/COD	Non-applicable	% Biodegradable	28 %

12.3 Bioaccumulative potential:

12.4

Substance-specific information:

Identification		Bioaccumulation potential	
N-butyl acetate		BCF	4
CAS: 123-86-4		Pow Log	1.78
EC: 204-658-1		Potential	Low
Xylene		BCF	9
AS: 1330-20-7		Pow Log	2.77
EC: 215-535-7		Potential	Low
2-butoxyethyl acetate		BCF	3
CAS: 112-07-2		Pow Log	1.51
EC: 203-933-3		Potential	Low
Mobility in soil:			



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Identification	Absor	otion/desorption	Vola	tility
N-butyl acetate	Кос	Non-applicable	Henry	Non-applicable
CAS: 123-86-4	Conclusion	Non-applicable	Dry soil	Non-applicable
EC: 204-658-1	Surface tension	2,478E-2 N/m (25 °C)	Moist soil	Non-applicable
Xylene	Кос	202	Henry	524,86 Pa·m ³ /mol
CAS: 1330-20-7	Conclusion	Moderate	Dry soil	Yes
EC: 215-535-7	Surface tension	Non-applicable	Moist soil	Yes
2-butoxyethyl acetate	Кос	Non-applicable	Henry	5,532E-1 Pa·m ³ /mo
CAS: 112-07-2	Conclusion	Non-applicable	Dry soil	No
EC: 203-933-3	Surface tension	Non-applicable	Moist soil	Yes

12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product fails to meet the criteria.

12.7 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
	waste paint and varnish containing organic solvents or other hazardous substances packaging containing residues of or contaminated by hazardous substances	Dangerous

Type of waste (Regulation (EU) No 1357/2014):

HP3 Flammable, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP6 Acute Toxicity, HP13 Sensitising

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION **

Transport of dangerous goods by land:

With regard to ADR 2021 and RID 2021:



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SECTION 14: TRANSP	PORT	INFORMATION ** (continued)	
3	14.2 14.3 14.4 14.5	UN number or ID number: UN proper shipping name: Transport hazard class(es): Labels: Packing group: Environmental hazards: Special precautions for user Special regulations: Tunnel restriction code:	UN1263 PAINT RELATED MATERIAL 3 3 III No 163, 367, 650 D/E	
	14.7	Physico-Chemical properties: Limited quantities: Maritime transport in bulk according to IMO instruments:	see section 9 5 L Non-applicable	
Transport of da	angero	us goods by sea:		
With regard to IN	-			
	14.2 14.3	UN number or ID number: UN proper shipping name: Transport hazard class(es): Labels: Packing group:	UN1263 PAINT RELATED MATERIAL 3 3 III	
3		Marine pollutant: Special precautions for user Special regulations: EmS Codes: Physico-Chemical properties: Limited quantities: Segregation group:	No 163, 223, 955, 367 F-E, S-E see section 9 5 L Non-applicable	
	14.7	Maritime transport in bulk according to IMO instruments:	Non-applicable	
Transport of da	angero	us goods by air:		
With regard to IA	ATA/ICA	AO 2022:		
3	14.2 14.3 14.4 14.5	UN number or ID number: UN proper shipping name: Transport hazard class(es): Labels: Packing group: Environmental hazards: Special precautions for user	UN1263 PAINT RELATED MATERIAL 3 3 III No	
** Changes with regards to t		Physico-Chemical properties: Maritime transport in bulk according to IMO instruments:	see section 9 Non-applicable	

** Changes with regards to the previous version

SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable



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SECTION 15: RE	SECTION 15: REGULATORY INFORMATION (continued)					
Article 95, REGULATION (EU) No 528/2012: Non-applicable REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable Seveso III:						
Section	Description		Lower-tier requirements	Upper-tier requirements		
P5c	FLAMMABLE LIQUIDS		5000	50000		
Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):						

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SECTION 15: REGU	LATORY INFORMATION (continued)	
and ashtrays, —tricks and jok —games for one Contains more t	ticles intended to produce light or colour es, e or more participants, or any article inten han 0.1 % of Hexamethylene-di-isocyana ices on their own, as a constituent in othe	ded to be used as such, eve te, Hexamethylene diisocyar	
(a) the concent employed ensur prior to the use 2. Shall not be and professiona (a) the concent that the recipier paragraph 1 and information: "As 3. For the purpo diisocyanates of	ation of diisocyanates individually and in es that industrial or professional user(s) h of the substance(s) or mixture(s). blaced on the market as substances on the I use(s) after 24 February 2022, unless: ration of diisocyanates individually and in of the substance(s) or mixture(s) is pro- d the following statement is placed on the from 24 August 2023 adequate training i ose of this entry "industrial and profession in their own, as a constituent in other subs	ave successfully completed eir own, as a constituent in o combination is less than 0,1 vided with information on th packaging, in a manner tha s required before industrial o al user(s)" means any worke	% by weight, or (b) the supplier ensures requirements referred to in point (b) of t is visibly distinct from the rest of the label or professional use".
exposure to diis appropriate risk and health with (a) the training (b) the training — handling ope — spraying in a — application b — application b	referred to in point (b) of paragraph 1 sha ocyanates at the workplace without preju- management measures at national level. competence acquired by relevant vocatio elements in point (a) of paragraph 5 for a elements in points (a) and (b) of paragraph n mixtures at ambient temperature (include ventilated booth y roller	dice to any national occupat Such training shall be condu nal training. That training sh Il industrial and professional oh 5 for the following uses:	ional exposure limit value or other ucted by an expert on occupational safety all cover as a minimum:
 mechanical p cleaning and any other use (c) the training handling incomposition 	ost treatment (e.g. cutting) of not fully cu waste es with similar exposure through the derm elements in points (a), (b) and (c) of para mpletely cured articles (e.g. freshly cured	al and/or inhalation route graph 5 for the following us	
 — open handlin — spraying in o energy (e.g. for 	cations and repair that needs access to equipmen g of warm or hot formulations (> 45 °C) pen air, with limited or only natural ventila ims, elastomers) r uses with similar exposure through the o	tion (includes large industry	working halls) and spraying with high
inhalation route 5. Training elem (a) general train — chemistry of — toxicity hazan — exposure to o	ients: ning, including on-line training, on: diisocyanates ds (including acute toxicity) diisocyanates		
 how sensitisa odour as indi importance of monotonic methods viscosity, tem personal hyg 			
 risk of derma risk in relatio skin and inha ventilation cleaning, leal 	ective equipment needed, including pract I contact and inhalation exposure n to application process used lation protection scheme kages, maintenance	ical instructions for its correc	ct use and its limitations



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ECTION 15	REGULATORY INFORMATION (continue	ed)	
 beha certif (b) inter addit main mana evalu risk i certif (c) adva ayray open certif (c) adva spray open certif (s), as I 7. The scourses are sup and des 8. The e training 9. Mem (a) any diisocya (b) the relation (c) national (d) infoi 10. This workpla Specifi It is recommended 	iour-based safety cation or documented proof that training has be mediate level training, including on-line training onal behaviour-based aspects enance gement of change tition of existing safety instructions relation to application process used cation or documented proof that training has be need training, including on-line training, on: diditional certification needed for the specific us ng outside a spraying booth handling of hot or warm formulations (> 45 °C cation or documented proof that training has be cation or documented proof that training has be saining shall comply with the provisions set by States may implement or continue to apply thing as the minimum requirements set out in pa upplier referred to in point (b) of paragraph 2 so pursuant to paragraphs 4 and 5 in the official I lied. The training shall take into consideration gn. mployer or self-employed shall document the so shall be renewed at least every five years. er States shall include in their reports pursuan established training requirements and other ris nates foreseen in national law umber of cases of reported and recognised oc to diisocyanates nal exposure limits for diisocyanates, if there a nation about enforcement activities related to restriction shall apply without prejudice to other	been successfully completed g, on: been successfully completed ses covered C) been successfully completed the Member State in which the eir own national requirements aragraphs 4 and 5 are met. shall ensure that the recipient i anguage(s) of the Member Sta the specificity of the products successful completion of the tra t to Article 117(1) the followin k management measures relat cupational asthma and occupa ire any this restriction. er Union legislation on the pro	for the use of the substance(s) or mixture is provided with training material and ate(s) where the substance(s) or mixture(s) supplied, including composition, packaging, aining referred to in paragraphs 4 and 5. The g information: ted to the industrial and professional uses of ational respiratory and dermal diseases in tection of safety and health of workers at the s for conducting workplace-specific risk
Other I	gislation:		
	luct could be affected by sectorial legislation		
	al safety assessment:		
The sup	plier has not carried out evaluation of chemical	I safety.	
SECTION 16	OTHER INFORMATION		
The SDS has bee	ion related to safety data sheets: shall be supplied in an official language of the designed in accordance with ANNEX II-Guide SSION REGULATION (EU) 2020/878).		
Modifie	ations related to the previous Safety Data	a Sheet which concerns the	e ways of managing risks.:

COMMISSION REGULATION (EU) 2020/878 TRANSPORT INFORMATION (SECTION 14):

· UN number

Texts of the legislative phrases mentioned in section 2:

H317: May cause an allergic skin reaction.

H335: May cause respiratory irritation.

H332: Harmful if inhaled.

H226: Flammable liquid and vapour.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

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SECTION 16: OTH	HER INFORMATION (continued)		
Acute Tox. 3: Acute Tox. 4: Acute Tox. 4: Aquatic Chroi Asp. Tox. 1: I Eye Irrit. 2: F Flam. Liq. 3: Resp. Sens. 1 Skin Irrit. 2: Skin Sens. 1: STOT RE 2: F STOT SE 3: F	tion (EC) No 1272/2008: H331 - Toxic if inhaled. H312+H332 - Harmful in contact with ski H332 - Harmful if inhaled. hic 3: H412 - Harmful to aquatic life with l H304 - May be fatal if swallowed and enter H319 - Causes serious eye irritation. H226 - Flammable liquid and vapour. H334 - May cause allergy or asthma syn H315 - Causes skin irritation. H317 - May cause an allergic skin reaction H373 - May cause damage to organs throu H335 - May cause drowsiness or dizziness.	ong lasting effects. rs airways. nptoms or breathing difficultie: n.	
Skin Sens. 1: STOT SE 3: C Acute Tox. 4: Flam. Liq. 3:	n procedure: Calculation method alculation method Calculation method Calculation method (2.6.4.3)		
Training is rec interpretation	ed to training: commended in order to prevent industrial of this safety data sheet, as well as the la pliographical sources:		ct and to facilitate their comprehension and
http://echa.e http://eur-lex	uropa.eu		
ADR: Europea IMDG: Intern IATA: Interna ICAO: Interna COD: Chemic BOD5: 5day t BCF: Bioconc LD50: Lethal LC50: Lethal EC50: Effectiv LogPOW: Oct Koc: Partition UFI: unique f	an agreement concerning the international ational maritime dangerous goods code tional Air Transport Association ational Civil Aviation Organisation al Oxygen Demand biochemical oxygen demand entration factor	l carriage of dangerous goods	by road

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.