Printina	03/01/2023 Date of compilation: 26/06/2011 Revised: 30/11/2022 Version: 6 (Replaced 5)
	TION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING
1.1	Product identifier: HARDENER FOR ACRYL FILLER SHS 1:4
	Other means of identification:
1.2	UFI: CQRV-Y089-D00A-7YXC Relevant identified uses of the substance or mixture and uses advised against:
1.2	Relevant uses: Car repair. For professional users only.
	Uses advised against: All uses not specified in this section or in section 7.3
1.3	Details of the supplier of the safety data sheet:
	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
1.4	Emergency telephone number: (8am-4pm)+48 094 35 123 94; 112
SECT	TON 2: HAZARDS IDENTIFICATION
2.1	Classification of the substance or mixture:
2.1	CLP Regulation (EC) No 1272/2008:
	Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.
	Acute Tox. 4: Acute inhalation toxicity, Category 4, H332
	Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412 Eye Irrit. 2: Eye irritation, Category 2, H319
	Flam. Liq. 3: Flammable liquids, Category 3, H226
	Skin Irrit. 2: Skin irritation, Category 2, H315 Skin Sens. 1: Sensitisation, skin, Category 1, H317
	STOT RE 2: Specific target organ toxicity — Repeated exposure, Hazard Category 2 (Oral), H373 STOT SE 3: Respiratory tract toxicity, single exposure, Category 3, H335
2.2	Label elements:
	CLP Regulation (EC) No 1272/2008:
	Warning
	Hazard statements:
	Acute Tox. 4: H332 - Harmful if inhaled.
	Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. Eye Irrit. 2: H319 - Causes serious eye irritation.
	Flam. Liq. 3: H226 - Flammable liquid and vapour.
	Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction.
	STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).
	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. P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
	P302+P352: IF ON SKIN: Wash with plenty of water.
	P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to
	do. Continue rinsing.
	P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.
	Supplementary information:
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SECT	TION 2: HAZARDS	IDENTIFICATION (continued)						
2.3	Substances that of Hexamethylene diis Additional Labelli As from 24 August 2 Other hazards: Product fails to mee	ng: 2023 adequate training	ssification ylene; Hydroc is required be	arbons, C9, aromatics; Ethy fore industrial or profession					
SECT	TION 3: COMPOSIT	TION/INFORMATION	N ON INGRE	EDIENTS					
3.1	Substance:								
_	Non-applicable								
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: 28182-81-2	Hexamethylene diis	socyanate, olig	Chemical name/Classification	Se	elf-classified	Concentration		
	CAS: 28182-81-2 EC: 931-274-8 Index: Non-applicable REACH: 01-2119485796-1 XXXX			•		elf-classified	Concentration 25 - <50 %		
	EC: 931-274-8 Index: Non-applicable REACH: 01-2119485796-1 XXXX CAS: 1330-20-7			jomers ⁽¹⁾	H335 - Warning				
	EC: 931-274-8 Index: Non-applicable REACH: 01-2119485796-1 XXXX	7- Regulation 1272/2008	Acute Tox. 4: H	jomers ⁽¹⁾	H335 - Warning Se Asp. Tox. 1: H304; Eye Irrit.	(٢)			
	EC: 931-274-8 Index: Non-applicable REACH: 01-2119485796-1 XXXX CAS: 1330-20-7 EC: 215-535-7 Index: 601-022-00-9 REACH: 01-2119488216-3 XXXX CAS: 108-65-6	7- Regulation 1272/2008	Acute Tox. 4: H Acute Tox. 4: H 2: H319; Flam. H335 - Danger	Jomers ⁽¹⁾ 1332; Skin Sens. 1: H317; STOT SE 3: 1312+H332; Aquatic Chronic 3: H412; Liq. 3: H226; Skin Irrit. 2: H315; STO	H335 - Warning Se Asp. Tox. 1: H304; Eye Irrit. T RE 2: H373; STOT SE 3:	() elf-classified	25 - <50 % 10 - <25 %		
	EC: 931-274-8 Index: Non-applicable REACH: 01-2119485796-1 XXXX CAS: 1330-20-7 EC: 215-535-7 Index: 601-022-00-9 REACH: 01-2119488216-3 XXXX	7- Regulation 1272/2008 Xylene ⁽¹⁾ 2- Regulation 1272/2008 2-methoxy-1-meth	Acute Tox. 4: H Acute Tox. 4: H 2: H319; Flam. H335 - Danger ylethyl acetate	Jomers ⁽¹⁾ 1332; Skin Sens. 1: H317; STOT SE 3: 1312+H332; Aquatic Chronic 3: H412; Liq. 3: H226; Skin Irrit. 2: H315; STO 2 (2)	H335 - Warning Se Asp. Tox. 1: H304; Eye Irrit. T RE 2: H373; STOT SE 3:	() elf-classified	25 - <50 %		
	EC: 931-274-8 Index: Non-applicable REACH: 01-2119485796-1 XXXX CAS: 1330-20-7 EC: 215-535-7 Index: 601-022-00-9 REACH: 01-2119488216-3 XXXX CAS: 108-65-6 EC: 203-603-9 Index: 607-195-00-7 REACH: 01-2119475791-2 XXXX CAS: 128601-23-0	7- Regulation 1272/2008 Xylene ⁽¹⁾ 2- Regulation 1272/2008 2-methoxy-1-meth	Acute Tox. 4: H Acute Tox. 4: H 2: H319; Flam. H335 - Danger ylethyl acetate Flam. Liq. 3: H2	Jomers ⁽¹⁾ 1332; Skin Sens. 1: H317; STOT SE 3: 1312+H332; Aquatic Chronic 3: H412; Liq. 3: H226; Skin Irrit. 2: H315; STO 2 (2)	H335 - Warning Se Asp. Tox. 1: H304; Eye Irrit. T RE 2: H373; STOT SE 3:	(1) elf-classified (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	25 - <50 % 10 - <25 %		
	EC: 931-274-8 Index: Non-applicable REACH: 01-2119485796-1 XXXX CAS: 1330-20-7 EC: 215-535-7 Index: 601-022-00-9 REACH: 01-211948216-3 XXXX CAS: 108-65-6 EC: 203-603-9 Index: 607-195-00-7 REACH: 01-2119475791-2 XXXX	7- Regulation 1272/2008 Xylene(1) 2- Regulation 1272/2008 2-methoxy-1-meth 9- Regulation 1272/2008 Hydrocarbons, C9,	Acute Tox. 4: H Acute Tox. 4: H 2: H319; Flam. H335 - Danger ylethyl acetate Flam. Liq. 3: H2 aromatics ⁽¹⁾ Aquatic Chronic	Jomers ⁽¹⁾ 1332; Skin Sens. 1: H317; STOT SE 3: 1312+H332; Aquatic Chronic 3: H412; Liq. 3: H226; Skin Irrit. 2: H315; STO 2 (2)	H335 - Warning Se Asp. Tox. 1: H304; Eye Irrit. T RE 2: H373; STOT SE 3: AT Se	() elf-classified () () () () () () () () () () () () () () () (25 - <50 % 10 - <25 %		
	EC: 931-274-8 Index: Non-applicable REACH: 01-2119485796-1 XXXX CAS: CAS: 1330-20-7 EC: 215-535-7 Index: 601-022-00-9 REACH: 01-2119488216-3 XXXX CAS: CAS: 108-65-6 EC: 203-603-9 Index: 607-195-00-7 REACH: 01-2119475791-2 XXXX CAS: 128601-23-0 EC: 918-668-5 Index: Non-applicable REACH: 01-2119455851-3 XXXX CAS: 123-86-4	7- Regulation 1272/2008 Xylene(1) 2- Regulation 1272/2008 2-methoxy-1-meth 9- Regulation 1272/2008 Hydrocarbons, C9,	Acute Tox. 4: H Acute Tox. 4: H 2: H319; Flam. H335 - Danger ylethyl acetate Flam. Liq. 3: H2 aromatics ⁽¹⁾ Aquatic Chronic	Jomers ⁽¹⁾ 1332; Skin Sens. 1: H317; STOT SE 3: 1312+H332; Aquatic Chronic 3: H412; Liq. 3: H226; Skin Irrit. 2: H315; STO 226 - Warning 226 - Warning : 2: H411; Asp. Tox. 1: H304; Flam. Lic	H335 - Warning Se Asp. Tox. 1: H304; Eye Irrit. T RE 2: H373; STOT SE 3: AT AT Se q. 3: H226; STOT SE 3:	() elf-classified () () () () () () () () () () () () () () () (25 - <50 % 10 - <25 % 10 - <25 %		
	EC: 931-274-8 Index: Non-applicable REACH: 01-2119485796-1 XXXX XXX CAS: 1330-20-7 EC: 215-535-7 Index: 601-022-00-9 REACH: 01-2119488216-3 XXXX XXX CAS: 108-65-6 EC: 203-603-9 Index: 607-195-00-7 REACH: 01-2119475791-2 XXXX XXXX CAS: 128601-23-0 EC: 918-668-5 Index: Non-applicable REACH: 01-211945581-3 XXXX XXXX	7- Regulation 1272/2008 Xylene(1) Xylene(1) 2- Regulation 1272/2008 2-methoxy-1-meth Regulation 1272/2008 9- Regulation 1272/2008 5- Regulation 1272/2008 N-butyl acetate(1) Regulation 1272/2008	Acute Tox. 4: H Acute Tox. 4: H 2: H319; Flam. H335 - Danger ylethyl acetate Flam. Liq. 3: H2 aromatics ⁽¹⁾ Aquatic Chronic H335; STOT SE	Jomers ⁽¹⁾ 1332; Skin Sens. 1: H317; STOT SE 3: 1312+H332; Aquatic Chronic 3: H412; Liq. 3: H226; Skin Irrit. 2: H315; STO 226 - Warning 226 - Warning : 2: H411; Asp. Tox. 1: H304; Flam. Lic	H335 - Warning Se Asp. Tox. 1: H304; Eye Irrit. T RE 2: H373; STOT SE 3: AT AT 3. 3: H226; STOT SE 3: AT AT	() elf-classified () (25 - <50 % 10 - <25 % 10 - <25 %		
	EC: 931-274-8 Index: Non-applicable REACH: 01-2119485796-1 XXXX CAS: CAS: 1330-20-7 EC: 215-535-7 Index: 601-022-00-9 REACH: 01-2119488216-3 XXXX CAS: 108-65-6 EC: 203-603-9 Index: 607-195-00-7 REACH: 01-2119475791-2 XXXX CAS: 128601-23-0 EC: 918-668-5 Index: CAS: 128601-23-0 EC: EC: 918-668-5 Index: CAS: 123-864-4 EC: CAS: 123-86-4 EC: CC: 204-658-1 Index: Index: 607-025-00-1 REACH: REACH: 01-2119485493-2	7- Regulation 1272/2008 Xylene(1) Xylene(1) 2- Regulation 1272/2008 2-methoxy-1-meth Regulation 1272/2008 9- Regulation 1272/2008 5- Regulation 1272/2008 N-butyl acetate(1) Regulation 1272/2008	Acute Tox. 4: H Acute Tox. 4: H 2: H319; Flam. H335 - Danger ylethyl acetate Flam. Liq. 3: H2 aromatics ⁽¹⁾ Aquatic Chronic H335; STOT SE	Jomers ⁽¹⁾ H332; Skin Sens. 1: H317; STOT SE 3: H312+H332; Aquatic Chronic 3: H412; Liq. 3: H226; Skin Irrit. 2: H315; STO (2) 226 - Warning : 2: H411; Asp. Tox. 1: H304; Flam. Lic 3: H336; EUH066 - Danger	H335 - Warning Se Asp. Tox. 1: H304; Eye Irrit. T RE 2: H373; STOT SE 3: AT AT A A Se a. 3: H226; STOT SE 3: A A A A A A A A A A A A A	() elf-classified () (25 - <50 % 10 - <25 % 10 - <25 % 5 - <10 %		

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

Hexamethylene-di-isocyanate⁽¹⁾

Regulation 1272/2008

(2) Substance with a Union workplace exposure limit

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

Other information:

CAS: 822-06-0 EC: 212-485-8 Index: 615-011-00-1 REACH: 01-2119457571-37-XXXX

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

Acute Tox. 3: H331; Eye Irrit. 2: H319; Resp. Sens. 1: H334; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT SE 3: H335 - Danger <1 %

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SECT	FION 4: FIRST	AID MEASURES					
4.1	Description o	f first aid measures:					
		resulting from intoxication can appear at to the chemical product or persistent di					
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 conta	ict:					
	and neutral soa	ap. In serious cases see a doctor. If the p he injury caused if it is stuck to the skin. sk of infection.	product causes burns or freez	ed if appropriate with plenty of cold water ing, clothing should not be removed as this hese should never be burst as this will			
	Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product. By ingestion/aspiration:						
4.2	out the mouth	vomiting, but if it does happen keep the and throat, as they may have been affec ant symptoms and effects, both acut	ted during ingestion.	n. Keep the person affected at rest. Rinse			
	-	yed effects are indicated in sections 2 ar	-				
4.3	Indication of	any immediate medical attention a	nd special treatment need	ed:			
	Non-applicable	-	-				
SECT	FION 5: FIREFI	GHTING MEASURES					
5.1	Extinguishing	media:					
	Suitable extin	guishing media:					
	If possible use	polyvalent powder fire extinguishers (AB	C powder), alternatively use f	oam or carbon dioxide extinguishers (CO2).			
	Unsuitable ex	tinguishing media:					
	IT IS RECOMME	ENDED NOT to use full jet water as an ex	ktinguishing agent.				
5.2	Special hazar	ds arising from the substance or mix	xture:				
E 2		ombustion or thermal decomposition read an present a serious health risk.	ctive sub-products are created	d that can become highly toxic and,			

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

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.

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HARDENER FOR ACRYL FILLER SHS 1:4								
nting:	ng: 03/01/2023 Date of compilation: 26/06/2011	Revised: 30/11/2022	Version: 6 (Replaced 5)					
SECT	CTION 6: ACCIDENTAL RELEASE MEASURES (co	ontinued)						
	For emergency responders:							
	Wear protective equipment. Keep unprotected perso	ons away. See section 8.						
6.2	2 Environmental precautions:							
6.3	Avoid at all cost any type of spillage into an aqueous containers. Notify the relevant authority in case of e Methods and material for containment and cle	xposure to the general public or						
	It is recommended:							
6.4	Absorb the spillage using sand or inert absorbent an absorbents. For any concern related to disposal cons Reference to other sections:		t absorb in sawdust or other combustible					
0.4	See sections 8 and 13.							
SECT	CTION 7: HANDLING AND STORAGE							
SECI	CTION 7. HANDLING AND STORAGE							
7.1	Precautions for safe handling:							
	A General precautions for safe use							
	Comply with the current legislation concerning the spills and residues, destroying them with safe mused.	ethods (section 6). Avoid leakage						
	B Technical recommendations for the prevention o							
	sparks,) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, appl 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 secu requirements for equipment and systems defined in Directive 2014/34/EC (ATEX 100) and with the minimum requirement protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult sec 10 for conditions and materials that should be avoided.							
	C Technical recommendations on general occupation	70						
	Do not eat or drink during the process, washing		leaning products.					
	D Technical recommendations to prevent environm							
7.2	Due to the danger of this product for the enviror control barriers in case of spillage, as well as have Conditions for safe storage, including any inco	ving absorbent material in close						
	A Technical measures for storage							
	Minimum Temp.: 15 °C							
	Maximum Temp.: 25 °C							
	Maximum time: 12 Months							
	B General conditions for storage							
	Avoid sources of heat, radiation, static electricity	and contact with food. For addi	tional information see subsection 10.5					
7.3	3 Specific end use(s):							
	Except for the instructions already specified it is not product.	necessary to provide any specia	l recommendation regarding the uses of this					
SECT	CTION 8: EXPOSURE CONTROLS/PERSONAL PR	ROTECTION						
	Control parameters:							
8.1								

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

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			
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-methoxy-1-methylethyl acetate	IOELV (8h)	50 ppm	275 mg/m ³	
CAS: 108-65-6 EC: 203-603-9	IOELV (STEL)	100 ppm	550 mg/m ³	
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	
Ethylbenzene	IOELV (8h)	100 ppm	442 mg/m ³	
CAS: 100-41-4 EC: 202-849-4	IOELV (STEL)	200 ppm	884 mg/m ³	

DNEL (Workers):

		Short 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
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-methoxy-1-methylethyl acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 108-65-6	Dermal	Non-applicable	Non-applicable	796 mg/kg	Non-applicable
EC: 203-603-9	Inhalation	Non-applicable	550 mg/m ³	275 mg/m ³	Non-applicable
Hydrocarbons, C9, aromatics	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 128601-23-0	Dermal	Non-applicable	Non-applicable	25 mg/kg	Non-applicable
EC: 918-668-5	Inhalation	Non-applicable	Non-applicable	150 mg/m ³	Non-applicable
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
Ethylbenzene	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 100-41-4	Dermal	Non-applicable	Non-applicable	180 mg/kg	Non-applicable
EC: 202-849-4	Inhalation	Non-applicable	293 mg/m ³	77 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 exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
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-methoxy-1-methylethyl acetate	Oral	Non-applicable	Non-applicable	36 mg/kg	Non-applicable
CAS: 108-65-6	Dermal	Non-applicable	Non-applicable	320 mg/kg	Non-applicable
EC: 203-603-9	Inhalation	Non-applicable	Non-applicable	33 mg/m ³	33 mg/m ³
Hydrocarbons, C9, aromatics	Oral	Non-applicable	Non-applicable	11 mg/kg	Non-applicable
CAS: 128601-23-0	Dermal	Non-applicable	Non-applicable	11 mg/kg	Non-applicable
EC: 918-668-5	Inhalation	Non-applicable	Non-applicable	32 mg/m ³	Non-applicable
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
Ethylbenzene	Oral	Non-applicable	Non-applicable	1,6 mg/kg	Non-applicable
CAS: 100-41-4	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 202-849-4	Inhalation	Non-applicable	Non-applicable	15 mg/m ³	Non-applicable

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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
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-methoxy-1-methylethyl acetate	STP	100 mg/L	Fresh water	0,635 mg/L
CAS: 108-65-6	Soil	0,29 mg/kg	Marine water	0,064 mg/L
EC: 203-603-9	Intermittent	6,35 mg/L	Sediment (Fresh water)	3,29 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,329 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
Ethylbenzene	STP	9,6 mg/L	Fresh water	0,1 mg/L
CAS: 100-41-4	Soil	2,68 mg/kg	Marine water	0,01 mg/L
EC: 202-849-4	Intermittent	0,1 mg/L	Sediment (Fresh water)	13,7 mg/kg
	Oral	0,02 g/kg	Sediment (Marine water)	1,37 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
CAS: 822-06-0 EC: 212-485-8	Soil Intermittent	Non-applicable Non-applicable	Marine water Sediment (Fresh water)	No No
	Oral	Non-applicable	Sediment (Marine water)	Non-applicat

8.2 Exposure controls:

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

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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	PPE	Labelling	CEN Standard	Remarks
	Mandatory respiratory tract protection	Filter mask for gases, vapours and particles (Filter type: A)		EN 149:2001+A1:2009 EN 405:2002+A1:2010 EN ISO 136:1998	Replace when an increase in resistence to breathing is observed and/or a smell or taste of the contaminant is detected.
C Sp	pecific protection	n for the hands			

Pictogram	PPE Labelling		CEN Standard	Remarks	
Mandatory hand protection	Non-disposable heat-resistant chemical protection gloves (Material: Nitrile, Breakthrough time: > 480 min, Thickness: 0.4 mm)		EN ISO 374-1:2016+A1:2018 EN 16523-1:2015+A1:2018 EN ISO 21420:2020 EN 407:2020	The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin.	

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

UL

Version: 6 (Replaced 5)

ER



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SECTION	8: EXPOSURE	CONTROLS/PERSON	AL PROTECT	ION (continued)		
	Pictogram	PPE	Labelling		CEN Standard		Remarks
	Mandatory face protection	Panoramic glasses against splash/projections.		E	EN 166:2002 N ISO 4007:2018		daily and disinfect periodically according to nanufacturer´s instructions. Use if there is a risk of splashing.
E	Body protection			-			
	Pictogram	PPE	Labelling		CEN Standard		Remarks
	Mandatory complete body protection			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 N ISO 13688:2013 EN 464:1994		r professional use only. Clean periodically ording to the manufacturer's instructions.
	Mandatory foot protection	Safety footwear for protection against chemical risk, with antistatic and heat resistant properties		E	N ISO 13287:2020 N ISO 20345:2011 EN 13832-1:2019	Re	eplace boots at any sign of deterioration.
F	Additional emerge	ency measures					
	Emergency mea	asure S	tandards		Emergency measu	ire	Standards
	Emergency sho	ISO 3864-1:20	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011		Eyewash stations		DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011
						5	

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:	
Physical state at 20 °C:	Liquid
Appearance:	Not available
Colour:	Not available
Odour:	Not available
Odour threshold:	Non-applicable *
Volatility:	
Boiling point at atmospheric pressure:	142 °C
Vapour pressure at 20 °C:	632 Pa
Vapour pressure at 50 °C:	3478,36 Pa (3,48 kPa)
Evaporation rate at 20 °C:	Non-applicable *
Product description:	
Density at 20 °C:	982,6 kg/m³
Relative density at 20 °C:	0,983
Dynamic viscosity at 20 °C:	3000 cP
Kinematic viscosity at 20 °C:	3053,15 mm²/s
*Not relevant due to the nature of the product, not providing info	mation property of its hazards.

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SECT	FION 9: PHYSIC	AL AND CHEMICAL PROPERTIES	S (continued)	
	Kinematic viscosi	ty at 40 °C:	Non-applicable *	
	Concentration:		Non-applicable *	
	pH:		Non-applicable *	
	Vapour density a	t 20 °C:	Non-applicable *	
	Partition coefficie	nt n-octanol/water 20 °C:	Non-applicable *	
	Solubility in wate	r at 20 ºC:	Non-applicable *	
	Solubility propert	ies:	Non-applicable *	
	Decomposition te	emperature:	Non-applicable *	
	Melting point/free	ezing point:	Non-applicable *	
	Flammability:			
	Flash Point:		32 °C	
	Flammability (sol	id, gas):	Non-applicable *	
	Autoignition temp	perature:	315 °C	
	Lower flammabili	ty limit:	Not available	
	Upper flammabili	ty limit:	Not available	
	Particle charac	teristics:		
	Median equivalen		Non-applicable	
9.2	Other informat	ion:		
	Information wi	th regard to physical hazard clas	ses:	
	Explosive propert	ies:	Non-applicable *	
	Oxidising propert	ies:	Non-applicable *	
	Corrosive to meta		Non-applicable *	
	Heat of combusti	on:	Non-applicable *	
	components:	rcentage (by mass) of flammable	Non-applicable *	
	Other safety ch		Ning and Include w	
	Surface tension a		Non-applicable *	
	Refraction index:		Non-applicable *	
	*Not relevant due to	the nature of the product, not providing infor	mation property of its hazards.	

	Upper flammability limit:			
	Particle characteristics:			
	Median equivalent diameter:	Non-applicable		
9.2	Other information:			
	Information with regard to physical hazard cla	isses:		
	Explosive properties:	Non-applicable *		
	Oxidising properties:	Non-applicable *		
	Corrosive to metals:	Non-applicable *		
	Heat of combustion:	Non-applicable *		
	Aerosols-total percentage (by mass) of flammable components:	Non-applicable *		
	Other safety characteristics:			
	Surface tension at 20 °C:	Non-applicable *		
	Refraction index:	Non-applicable *		
	*Not relevant due to the nature of the product, not providing inf	ormation property of its hazards	5.	
SECT	ION 10: STABILITY AND REACTIVITY			
	ION 10: STABILITY AND REACTIVITY Reactivity:			
		oduct is stable under reco	mmended storage condit	tions. See section 7.
LO.1	Reactivity:	oduct is stable under reco	mmended storage condit	tions. See section 7.
LO.1	Reactivity: No hazardous reactions are expected because the pr		mmended storage condit	tions. See section 7.
LO.1 LO.2	Reactivity: No hazardous reactions are expected because the pro Chemical stability:		mmended storage condit	tions. See section 7.
10.1 10.2	Reactivity: No hazardous reactions are expected because the pro- Chemical stability: Chemically stable under the indicated conditions of stability	torage, handling and use.	-	
LO.1 LO.2 LO.3	Reactivity: No hazardous reactions are expected because the pro- Chemical stability: Chemically stable under the indicated conditions of st Possibility of hazardous reactions:	torage, handling and use.	-	
10.1 10.2 10.3	Reactivity: No hazardous reactions are expected because the pro- Chemical stability: Chemically stable under the indicated conditions of st Possibility of hazardous reactions: Under the specified conditions, hazardous reactions to	torage, handling and use. that lead to excessive temp	-	
10.1 10.2 10.3	Reactivity: No hazardous reactions are expected because the pro- Chemical stability: Chemically stable under the indicated conditions of st Possibility of hazardous reactions: Under the specified conditions, hazardous reactions to Conditions to avoid:	torage, handling and use. that lead to excessive temp	-	
10.1 10.2 10.3	Reactivity: No hazardous reactions are expected because the pro- Chemical stability: Chemically stable under the indicated conditions of st Possibility of hazardous reactions: Under the specified conditions, hazardous reactions to Conditions to avoid: Applicable for handling and storage at room tempera	torage, handling and use. that lead to excessive temp iture:	peratures or pressure are	e not expected.
10.1 10.2 10.3 10.4	Reactivity: No hazardous reactions are expected because the process of the stability: Chemical stability: Chemically stable under the indicated conditions of stability of hazardous reactions: Under the specified conditions, hazardous reactions to avoid: Applicable for handling and storage at room temperations Shock and friction Contact with air	torage, handling and use. that lead to excessive temp ture: Increase in temperature	peratures or pressure are Sunlight	e not expected. Humidity
LO.1 LO.2 LO.3 LO.4	Reactivity: No hazardous reactions are expected because the procession of the stability: Chemical stability: Chemically stable under the indicated conditions of stability of hazardous reactions: Under the specified conditions, hazardous reactions to avoid: Applicable for handling and storage at room temperation Shock and friction Contact with air Not applicable Not applicable	torage, handling and use. that lead to excessive temp ture: Increase in temperature	peratures or pressure are Sunlight	e not expected. Humidity
LO.1 LO.2 LO.3 LO.4	Reactivity: No hazardous reactions are expected because the procession of the stability: Chemical stability: Chemically stable under the indicated conditions of stability of hazardous reactions: Under the specified conditions, hazardous reactions to avoid: Applicable for handling and storage at room temperations Shock and friction Contact with air Not applicable Not applicable	torage, handling and use. that lead to excessive temp ture: Increase in temperature Risk of combustion	peratures or pressure are Sunlight Avoid direct impact	e not expected. Humidity Not applicable
10.1 10.2 10.3	Reactivity: No hazardous reactions are expected because the procession of the specified conditions of stability: Chemical stability: Chemically stable under the indicated conditions of stability of hazardous reactions: Under the specified conditions, hazardous reactions to avoid: Applicable for handling and storage at room temperation Shock and friction Contact with air Not applicable Not applicable Incompatible materials: Acids Water	torage, handling and use. that lead to excessive temp iture: Increase in temperature Risk of combustion Oxidising materials	Sunlight Avoid direct impact	e not expected. Humidity Not applicable Others

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Printing: 03/01/2023 Date of compilation: 26/06/2011 Revised: 30/11/2022 Version: 6 (Replaced 5) SECTION 10: STABILITY AND REACTIVITY (continued) 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: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting. 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: Produces skin inflammation. Contact with the eyes: Produces eye damage after contact. D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction): Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3. IARC: Xylene (3); Hydrocarbons, C9, aromatics (3); Ethylbenzene (2B) Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3. Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3. E- Sensitizing effects: - Respiratory: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3. Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis. F- Specific target organ toxicity (STOT) - single exposure: Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages. G- Specific target organ toxicity (STOT)-repeated exposure: - Specific target organ toxicity (STOT)-repeated exposure: 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. Skin: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3. H- Aspiration hazard: 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. **Other information:** Non-applicable Specific toxicology information on the substances:

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SECTION 11: TOXI	COLOGICAL INFORMATION (conti	inued)			
	Identification		A	cute toxicity	Genus
N-butyl acetate			LD50 oral	12789 mg/kg	Rat
CAS: 123-86-4			LD50 dermal	14112 mg/kg	Rabbit
EC: 204-658-1			LC50 inhalation	23,4 mg/L (4 h)	Rat
2-methoxy-1-meth	nylethyl acetate		LD50 oral	8532 mg/kg	Rat
CAS: 108-65-6			LD50 dermal	5100 mg/kg	Rat
EC: 203-603-9			LC50 inhalation	30 mg/L (4 h)	Rat
Xylene			LD50 oral	2100 mg/kg	Rat
CAS: 1330-20-7			LD50 dermal	1100 mg/kg	Rat
EC: 215-535-7			LC50 inhalation	11 mg/L (ATEi)	
Hydrocarbons, C9	, aromatics		LD50 oral	>2000 mg/kg	
CAS: 128601-23-0	1		LD50 dermal	>2000 mg/kg	
EC: 918-668-5			LC50 inhalation	>20 mg/L	
Hexamethylene di	iisocyanate, oligomers		LD50 oral	5100 mg/kg	Rat
CAS: 28182-81-2			LD50 dermal	>2000 mg/kg	
EC: 931-274-8			LC50 inhalation	11 mg/L (ATEi)	
Ethylbenzene			LD50 oral	3500 mg/kg	Rat
CAS: 100-41-4			LD50 dermal	15354 mg/kg	Rabbit
EC: 202-849-4			LC50 inhalation	17,2 mg/L (4 h)	Rat
Hexamethylene-di	-isocyanate		LD50 oral	>2000 mg/kg	
CAS: 822-06-0			LD50 dermal	>2000 mg/kg	
EC: 212-485-8			LC50 inhalation	3 mg/L (1 h) (ATEi)	Rat

Acute Toxicity Estimate (ATE mix):

	Ingredient(s) of unknown toxicity	
Oral	>2000 mg/kg (Calculation method)	Non-applicable
Dermal 4568,11 mg/kg (Calculation method)		0 %
Inhalation	16,33 mg/L (4 h) (Calculation method)	0 %

11.2 Information on other hazards:

Endocrine disrupting properties

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

Other information

Non-applicable

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
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-methoxy-1-methylethyl acetate	LC50	161 mg/L (96 h)	Pimephales promelas	Fish
CAS: 108-65-6	EC50	481 mg/L (48 h)	Daphnia sp.	Crustacean
EC: 203-603-9	EC50	Non-applicable		
Hydrocarbons, C9, aromatics	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 128601-23-0	EC50	>1 - 10 mg/L (48 h)		Crustacean
EC: 918-668-5	EC50	>1 - 10 mg/L (72 h)		Algae



ECT.	ION 12: ECOLOGICAL INFORMATIC	N (contin	ued)						
	Identification			Concentration		Speci	ies	Genus	
	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	
	Ethylbenzene		LC50	42,3 mg/L (96 h)		Pimephales	promelas	Fish	
	CAS: 100-41-4		EC50	75 mg/L (48 h)		Daphnia I	magna	Crustacea	
	EC: 202-849-4		EC50	63 mg/L (3 h)		Chlorella v	vulgaris	Algae	
	Chronic toxicity:								
	Identification			Concentration		Speci		Genus	
	Xylene		NOEC	1,3 mg/L		Oncorhynch		Fish	
	CAS: 1330-20-7 EC: 215-535-7		NOEC	1,17 mg/L		Ceriodaphr	nia dubia	Crustacear	
	2-methoxy-1-methylethyl acetate		NOEC	47,5 mg/L		Oryzias I	atipes	Fish	
	CAS: 108-65-6 EC: 203-603-9		NOEC	100 mg/L		Daphnia I	magna	Crustacear	
	N-butyl acetate		NOEC	Non-applicable					
	CAS: 123-86-4 EC: 204-658-1		NOEC	23,2 mg/L		Daphnia ı	magna	Crustacear	
	Ethylbenzene		NOEC	Non-applicable					
	CAS: 100-41-4 EC: 202-849-4		NOEC	0,96 mg/L		Ceriodaphr	nia dubia	Crustacear	
2.2	Persistence and degradability:								
	Substance-specific information:								
			П	ogradability		Pied	logradability		
	Identification			egradability	Carran		legradability	u u li na la la	
	Xylene	CC	D5	Non-applicable	Period	Concentration		Non-applicable	
	CAS: 1330-20-7			Non-applicable		d = ==== d= = =	28 da 88 %	-	
	EC: 215-535-7		D5/COD	Non-applicable		5			
	2-methoxy-1-methylethyl acetate		D5	Non-applicable	_	ntration	785 n	-	
	CAS: 108-65-6	CO		Non-applicable	Period		8 day		
	EC: 203-603-9		D5/COD	Non-applicable		degradable	100 %		
	N-butyl acetate		D5	Non-applicable		ntration		applicable	
	CAS: 123-86-4	CO		Non-applicable	Period		5 day		
	EC: 204-658-1		D5/COD	Non-applicable	% Bio	degradable	84 %		
	Ethylbenzene		D5	Non-applicable	_	ntration	100 n		
	CAS: 100-41-4	CO		Non-applicable	Period		14 da		
	EC: 202-849-4	BO	D5/COD	Non-applicable	% Bio	degradable	90 %		
	Hexamethylene-di-isocyanate	BO	D5	Non-applicable	Conce	ntration	100 n	ng/L	
	CAS: 822-06-0	CO		Non-applicable	Period		28 da	ys	
	EC: 212-485-8	BO	D5/COD	Non-applicable	% Bio	degradable	28 %		
2.3	•								
	Substance-specific information:								
		tification					imulation poter	IUAI	
	Xylene				BCF		9		
	CAS: 1330-20-7					/ Log	2.77		
	EC: 215-535-7					ential	Low		
	2-methoxy-1-methylethyl acetate				-	BCF 1			
	CAS: 108-65-6					Log	0.43		
	EC: 203-603-9					ential	Low		
	N-butyl acetate				BCF		4		
	CAS: 123-86-4					r Log	1.78		
	EC: 204-658-1				Pote	ential	Low		
	Ethylbenzene				BCF		1		
	CAS: 100-41-4				Pow	r Log	3.15		
	EC: 202-849-4				Pote	ential	Low		



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SECTION 12: ECOLOGICAL INFORMATION (continued) Identification Absorption/desorption Volatility 202 524,86 Pa·m³/mol Xylene Koc Henry CAS: 1330-20-7 Conclusion Moderate Dry soil Yes EC: 215-535-7 Surface tension Non-applicable Moist soil Yes Koc Non-applicable Henry Non-applicable N-butyl acetate 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 Ethylbenzene Кос 520 Henry 798,44 Pa·m³/mol CAS: 100-41-4 Conclusion Moderate Dry soil Yes EC: 202-849-4 Surface tension 2,859E-2 N/m (25 °C) 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):

HP14 Ecotoxic, HP3 Flammable, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP6 Acute Toxicity, HP13 Sensitising, HP4 Irritant — skin irritation and eye damage

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: TRANSF	PORT	INFORMATION (continued)		
	14.2 14.3	UN number or ID number: UN proper shipping name: Transport hazard class(es): Labels:	UN1263 PAINT 3 3	
3	14.5	Packing group: Environmental hazards: Special precautions for user	III No	
		Special regulations: Tunnel restriction code: Physico-Chemical properties: Limited quantities:	163, 367, 650 D/E see section 9 5 L	
	14.7	Maritime transport in bulk according to IMO instruments:	Non-applicable	
Transport of da	angero	us goods by sea:		
With regard to IN	1DG 40	-20:		
		UN number or ID number:	UN1263	
		UN proper shipping name:	PAINT	
JHL .	14.3	Transport hazard class(es): Labels:	3	
	144	Ladels: Packing group:	3 III	
		Marine pollutant:	No	
3		Special precautions for user	NO	
•	14.0	Special regulations:	223, 955, 163, 367	
		EmS Codes:	F-E, S-E	
		Physico-Chemical properties:	see section 9	
		Limited quantities:	5 L	
		Segregation group:	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:		
	14.1	UN number or ID number:	UN1263	
J.	14.2	UN proper shipping name:	PAINT	
	14.3	Transport hazard class(es):	3	
		Labels:	3	
3		Packing group:	III	
		Environmental hazards:	No	
	14.6	Special precautions for user	and position 0	
		Physico-Chemical properties:	see section 9	
	14.7	Maritime transport in bulk according to IMO instruments:	Non-applicable	

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 Article 95, REGULATION (EU) No 528/2012: Non-applicable



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SECTION 15: REGU	LATORY INFORMATION (continued	d)		
REGULATION (E Seveso III:	EU) No 649/2012, in relation to the impor	t and export of hazardous ch	emical products: Non-applica	able
Section	Descrip	tion	Lower-tier requirements	Upper-tier requirements
P5c FLA	MMABLE LIQUIDS		5000	50000

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SECTION 15: REGU	ILATORY INFORMATION (continued	d)	
Shall not be use	ed in:		
-ornamental a		effects by means of different	t phases, for example in ornamental lamps
and ashtrays,			
—tricks and jok —games for on	es, e or more participants, or any article inte	nded to be used as such, eve	n with ornamental aspects
			hate, oligomers by weight. 1. Shall not be
used as substar	nces on their own, as a constituent in oth		for industrial and professional use(s) after
24 August 2023			
	ration of dilsocyanates individually and in res that industrial or professional user(s)		% by weight, or (b) the employer or self-
	of the substance(s) or mixture(s).	have successionly completed	training on the safe use of unsocyanates
		neir own, as a constituent in c	other substances or in mixtures for industrial
	al use(s) after 24 February 2022, unless:		
			% by weight, or (b) the supplier ensures
			e requirements referred to in point (b) of t is visibly distinct from the rest of the label
	s from 24 August 2023 adequate training		
3. For the purpo	ose of this entry "industrial and profession	nal user(s)" means any worke	er or self-employed worker handling
	n their own, as a constituent in other sub	stances or in mixtures for ind	lustrial and professional use(s) or
supervising the		all include the instructions for	r the central of dormal and inhalation
	referred to in point (b) of paragraph 1 sh socyanates at the workplace without preju		
			icted by an expert on occupational safety
	competence acquired by relevant vocation		
	elements in point (a) of paragraph 5 for		use(s).
	elements in points (a) and (b) of paragra en mixtures at ambient temperature (inclu		
	ventilated booth		
 application b 			
 application b 			
	y dipping and pouring post treatment (e.g. cutting) of not fully c	ured articles which are not w	arm anymore
— cleaning and		area articles which are not w	
— any other us	es with similar exposure through the derr		
	elements in points (a), (b) and (c) of par		es:
— handling inco — foundry appl	ompletely cured articles (e.g. freshly cure	d, still warm)	
	and repair that needs access to equipme	ent	
	ng of warm or hot formulations (> 45 °C)		
	pen air, with limited or only natural ventil	lation (includes large industry	working halls) and spraying with high
	ams, elastomers) er uses with similar exposure through the	dormal and/or	
inhalation route		uermai anu/or	
5. Training elem			
	ning, including on-line training, on:		
- chemistry of			
 toxicity hazai exposure to 	rds (including acute toxicity) diisocyanates		
•	exposure limit values		
 how sensitisa 	ation can develop		
	ication of hazard		
•	of volatility for risk nperature, and molecular weight of diisoc	vanates	
— personal hyg	•	yanaco	
— personal pro	tective equipment needed, including prac	tical instructions for its correc	ct use and its limitations
	al contact and inhalation exposure		
	n to application process used alation protection scheme		
— ventilation	nation protection scheme		
	kages, maintenance		
 discarding er 	npty packaging		
 protection of 			
	of critical handling stages onal code systems (if applicable)		
specific flatto			

inting: 0	3/01/2023	Date of compilation: 26/06/2011	Revised: 30/11/2022	Version: 6 (Replaced 5)
SECTION	ON 15: REGU	LATORY INFORMATION (continued	d)	
	 behaviour-ba certification (intermediate additional be maintenance management evaluation of risk in relation certification (certification (certification (advanced tra apraying outs open handlin certification (the training s Member States (s), as long as t The supplied. Th and design. The employe training shall be Member States (a) any establisi diisocyanates fc (b) the number relation to diisoo (c) national exp (d) information 10. This restrict workplace. 	sed safety or documented proof that training has be a level training, including on-line training, haviour-based aspects of change existing safety instructions in to application process used or documented proof that training has be aining, including on-line training, on: al certification needed for the specific use side a spraying booth g of hot or warm formulations (> 45 °C) or documented proof that training has be shall comply with the provisions set by the may implement or continue to apply thei he minimum requirements set out in para referred to in point (b) of paragraph 2 sh it to paragraphs 4 and 5 in the official land to ro self-employed shall document the su renewed at least every five years. es shall include in their reports pursuant hed training requirements and other risk reseen in national law of cases of reported and recognised occu- cyanates osure limits for diisocyanates, if there are about enforcement activities related to th	en successfully completed on: en successfully completed s covered en successfully completed e Member State in which the r own national requirements agraphs 4 and 5 are met. all ensure that the recipient i nguage(s) of the Member Sta e specificity of the products ccessful completion of the tra- to Article 117(1) the following management measures relate upational asthma and occupa e any his restriction.	ite(s) where the substance(s) or mixture(s) supplied, including composition, packaging, aining referred to in paragraphs 4 and 5. The
ä		led to use the information included in thi order to establish the necessary risk prev ion:		
		Id be affected by sectorial legislation		
15.2 (Chemical safe	ty assessment:		
-	The supplier ha	s not carried out evaluation of chemical s	afety.	
0-0-1				
SECTION	on 16: Othe	R INFORMATION		
- (The SDS shall b has been desigr (COMMISSION	ned in accordance with ANNEX II-Guide to REGULATION (EU) 2020/878).	o the compilation of safety da	placed on the market. This safety data sheel ata sheets of Regulation (EC) No 1907/2006
		related to the previous Safety Data	Sheet which concerns the	e ways of managing risks.:
1	Non-applicable			

Texts of the legislative phrases mentioned in section 2:

H315: Causes skin irritation.

H335: May cause respiratory irritation.

H412: Harmful to aquatic life with long lasting effects.

H373: May cause damage to organs through prolonged or repeated exposure (Oral).

H317: May cause an allergic skin reaction.

H332: Harmful if inhaled.

H226: Flammable liquid and vapour.

H319: Causes serious eye irritation.

Texts of the legislative phrases mentioned in section 3:

- CONTINUED ON NEXT PAGE -

MULTI FÜLLER

NOI

Printing: 03/01/2023	Date of compilation: 26/06/2011	Revised: 30/11/2022	Version: 6 (Replaced 5)	
SECTION 16: OTHE	R INFORMATION (continued)			
individual comp CLP Regulatio Acute Tox. 3: H Acute Tox. 4: H Acute Tox. 4: H Aquatic Chronic Aquatic Chronic Aquatic Chronic Asp. Tox. 1: H3 Eye Irrit. 2: H3 Flam. Liq. 2: H2 Flam. Liq. 3: H2 Resp. Sens. 1: H Skin Irrit. 2: H3 Skin Sens. 1: H STOT RE 2: H3 STOT RE 2: H3 STOT SE 3: H3	icated do not refer to the product itself; onents which appear in section 3 n (EC) No 1272/2008: 331 - Toxic if inhaled. 312+H332 - Harmful in contact with skin 332 - Harmful if inhaled. 2: H411 - Toxic to aquatic life with long 3: H412 - Harmful to aquatic life with long 4: H412 - Harmful to aquatic life with long 3: H412 - Harmful to aquatic life with long 4: H412 - Harmful to aquatic life with long 5: H412 - Harmful to aquatic life with long 4: H412 - Harmful to aquatic life with long 5: H412 - Harmful to aquatic life with long 4: H412 - Harmful to aquatic life with long 5: Alay be fatal if swallowed and enter 19 - Causes serious eye irritation. 225 - Highly flammable liquid and vapour. 234 - May cause allergy or asthma sym 15 - Causes skin irritation. 317 - May cause an allergic skin reaction 73 - May cause damage to organs throug 73 - May cause damage to organs throug 75 - May cause respiratory irritation.	n or if inhaled. I lasting effects. ong lasting effects. is airways. r. nptoms or breathing difficulties n. gh prolonged or repeated exp	s if inhaled. osure (Oral).	
STOT SE 3: H33	STOT SE 3: H336 - May cause drowsiness or dizziness.			
STOT SE 3: Calo Aquatic Chronic STOT RE 2: Calo Skin Sens. 1: Ca Acute Tox. 4: Ca	culation method culation method 3: Calculation method culation method alculation method alculation method lculation method (2.6.4.3)			
Advice related				
Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.				
Principal bibli	Principal bibliographical sources:			
	http://echa.europa.eu			
http://eur-lex.europa.eu Abbreviations and acronyms:				
IMDG: Internation IATA: Internation ICAO: Internation COD: Chemical BOD5: 5day bion BCF: Bioconcent LD50: Lethal Doc LC50: Lethal Content EC50: Effective LogPOW: Octan	ose 50 ncentration 50 concentration 50 olwater partition coefficient pefficient of organic carbon	carriage of dangerous goods	by road	
IARC: International Agency for Research on Cancer				

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.