

Version 2.0

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

#### **1.1 Product identifier**

Trade name

: SikaTack<sup>®</sup> Global 30

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

Product use	: Sealant/a	dhesive
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#### 1.3 Details of the supplier of the safety data sheet

Company name of supplier	: Sika Poland Spółka z o.o.
	Karczunkowska 89
	02-871 Warszawa
Telephone	: +48 22 27 28 700
Telefax	: +48 22 27 28 800
E-mail address of person	: EHS@pl.sika.com
responsible for the SDS	

#### 1.4 Emergency telephone number

112

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Respiratory sensitisation, Category 1	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.

#### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms	:		
Signal word	:	Danger	
Hazard statements	:	H317 H334	May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Precautionary statements	:	Prevention:	

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01 1031 13300. 00.00.2020		
	P261 P280 P284	Avoid breathing mist or vapours. Wear protective gloves. In case of inadequate ventilation wear respir- atory protection.
	Response:	
	P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.
	P342 + P311	If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.

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#### Hazardous components which must be listed on the label:

aliphatic prepolymer (t-polyether based) aliphatic prepolymer (d-polyether based) 4,4'-methylenediphenyl diisocyanate Hexamethylene-1,6-diisocyanate homopolymer 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate

#### **Additional Labelling**

"As from 24 August 2023 adequate training is required before industrial or professional use."

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

#### **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

#### Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		
aliphatic prepolymer (t-polyether	138626-39-8	Skin Sens. 1; H317	>= 2,5 - < 5
based)	Not Assigned		
aliphatic prepolymer (d-polyether	39323-37-0	Skin Sens. 1; H317	>= 1 - < 2,5
based)	Not Assigned		

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

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4,4'-methylenediphenyl diisocya- nate	101-68-8 202-966-0 01-2119457014-47- XXXX	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Sens. 1; H317 Carc. 2; H351 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 specific concentration limit Eye Irrit. 2; H319 >= 5 % StOT SE 3; H335 >= 5 % Skin Irrit. 2; H315 >= 5 % Resp. Sens. 1; H334 >= 0,1 % Acute toxicity esti- mate Acute inhalation tox- icity (dust/mist): 1,5 mg/l	>= 0,5 - < 1
Hexamethylene-1,6-diisocyanate homopolymer Contains: hexamethylene-di-isocyanate <= 0,3 %	28182-81-2 931-274-8 01-2119485796-17- XXXX	Acute Tox. 4; H332 Skin Sens. 1; H317 STOT SE 3; H335 (Respiratory system) Acute toxicity esti- mate Acute inhalation tox- icity (dust/mist): 1,5 mg/l	>= 0,5 - < 1

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		1	I
3-isocyanatomethyl-3,5,5-	4098-71-9	Acute Tox. 1; H330	>= 0,025 - <
trimethylcyclohexyl isocyanate	223-861-6 01-2119490408-31-	Skin Irrit. 2; H315 Eye Irrit. 2; H319	0,1
	XXXX	Resp. Sens. 1; H334	
	~~~~	Skin Sens. 1; H317	
		STOT SE 3; H335	
		(Respiratory system)	
		Aquatic Chronic 2;	
		H411	
		specific concentration	
		Resp. Sens. 1; H334	
		>= 0,5 %	
		Skin Sens. 1; H317	
		>= 0,5 %	
		Acute toxicity esti-	
		mate	
		Acute inhalation tox-	
		icity (dust/mist):	
		0,031 mg/l	
Substances with a workplace expo			
bis(2-ethylhexyl) adipate	103-23-1		>= 10 - < 20
	203-090-1		
	01-2119439699-19-		
For explanation of abbreviations s	XXXX		

For explanation of abbreviations see section 16.

#### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

General advice	:	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	:	Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.
In case of eye contact	:	Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	:	Do not induce vomiting without medical advice.

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		Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
4.2 Most important symptoms an	d e	effects, both acute and delayed
Symptoms	:	Asthmatic appearance Allergic reactions See Section 11 for more detailed information on health effects and symptoms.
Risks	:	sensitising effects
		May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficul- ties if inhaled.
4.3 Indication of any immediate n	neo	dical attention and special treatment needed
Treatment	:	Treat symptomatically.
SECTION 5: Firefighting meas		
Suitable extinguishing media	:	In case of fire, use water/water spray/water jet/carbon diox- ide/sand/foam/alcohol resistant foam/chemical powder for extinction.
5.2 Special hazards arising from	the	e substance or mixture
Hazardous combustion prod- ucts	:	No hazardous combustion products are known
5.3 Advice for firefighters		
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.
Further information	:	Standard procedure for chemical fires.
SECTION 6: Accidental release measures		
6.1 Personal precautions, protect	tive	e equipment and emergency procedures
Personal precautions	:	Use personal protective equipment. Deny access to unprotected persons.
6.2 Environmental precautions		

#### Environmental precautions : Do not flush into surface water or sanitary sewer system.



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#### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up

: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For personal protection see section 8.

#### **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

Advice on safe handling	:	<ul> <li>Avoid exceeding the given occupational exposure limits (see section 8).</li> <li>Do not get in eyes, on skin, or on clothing.</li> <li>For personal protection see section 8.</li> <li>Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.</li> <li>Smoking, eating and drinking should be prohibited in the application area.</li> <li>Follow standard hygiene measures when handling chemical products</li> </ul>
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.
7.2 Conditions for safe storage, i	incl	uding any incompatibilities
Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.

#### 7.3 Specific end use(s)

Further information on stor-

:

Specific use(s)

age stability

: Cleaning with aprotic polar solvents must be avoided. Consult most current local Product Data Sheet prior to any use.

No decomposition if stored and applied as directed.

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#### **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

#### **Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
bis(2-ethylhexyl) adipate	103-23-1	NDS	400 mg/m3	PL OEL
4,4'-methylenediphenyl diisocyanate	101-68-8	NDS	0,03 mg/m3	PL OEL
		NDSch	0,09 mg/m3	PL OEL
Hexamethylene-1,6-diisocyanate homo- polymer	28182-81-2	NDS	0,04 mg/m3	PL OEL
	Further information: Skin			
		NDSch	0,08 mg/m3	PL OEL
3-isocyanatomethyl-3,5,5- trimethylcyclohexyl isocyanate	4098-71-9	NDS	0,04 mg/m3	PL OEL

\*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

#### 8.2 Exposure controls

#### Engineering measures

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

#### Personal protective equipment

Eye/face protection	:	Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water
Hand protection	:	Chemical-resistant, impervious gloves complying with an ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer specifications.
		Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.
Skin and body protection	:	Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing and stirring work.
Respiratory protection	:	In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe work- ing limits of the selected respirator. Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk as- sessment indicates this is necessary.

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#### organic vapor filter (Type A)

A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

#### **Environmental exposure controls**

General advice : Do not flush into surface water or sanitary sewer system.

#### **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

Physical state Appearance Colour	:	liquid paste black
Odour	:	very faint
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available
Upper/lower flammability or e	exp	losive limits
Upper explosion limit / Up- per flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	> 101 °C Method: closed cup
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
рН	:	Not applicable substance/mixture is non-soluble (in water)

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<b>Viscosity</b> Viscosity, dynamic	: Not applicable
Viscosity, kinematic	: Not applicable
<b>Solubility(ies)</b> Water solubility	: insoluble
Partition coefficient: n- octanol/water	: No data available
Vapour pressure	: 0,01 hPa
Density	: ca. 1,26 g/cm3 (20 °C)
Relative vapour density	: No data available
Particle characteristics	: No data available

#### 9.2 Other information

No data available

#### **SECTION 10: Stability and reactivity**

#### **10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

#### 10.2 Chemical stability

The product is chemically stable.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

#### 10.4 Conditions to avoid

Conditions to avoid	:	No data available

#### 10.5 Incompatible materials

Materials to avoid : No data available

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#### **10.6 Hazardous decomposition products**

No decomposition if stored and applied as directed.

#### **SECTION 11: Toxicological information**

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

#### Acute toxicity

Not classified due to lack of data.

#### **Components:**

## aliphatic prepolymer (d-polyether based):

Acute oral toxicity : LD50 Oral (Rat): > 2.000 mg/kg

#### 4,4'-methylenediphenyl diisocyanate:

Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	:	LC50: 1,5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Expert judgement
		Acute toxicity estimate: 1,5 mg/l Test atmosphere: dust/mist Method: Calculation method

#### Hexamethylene-1,6-diisocyanate homopolymer:

Acute oral toxicity	:	LD50 Oral (Rat): > 2.500 mg/kg
Acute inhalation toxicity	:	LC50: 1,5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Expert judgement
		Acute toxicity estimate: 1,5 mg/l Test atmosphere: dust/mist Method: Calculation method
Acute dermal toxicity	:	LD50 Dermal (Rat): > 2.000 mg/kg
3-isocyanatomethyl-3,5,5-tr	ime	thylcyclohexyl isocyanate:
Acute oral toxicity	:	LD50 Oral (Rat): 4.814 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): 0,031 mg/l Exposure time: 4 h Test atmosphere: dust/mist
		Acute toxicity estimate: 0,031 mg/l

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			Test atmosphere: dust/mist Method: Calculation method
	Acute dermal toxicity	:	LD50 Dermal (Rat): > 7.000 mg/kg
	<b>bis(2-ethylhexyl) adipate:</b> Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg
	Acute inhalation toxicity		LC50 (Rat): > 5,7 mg/l Exposure time: 4 h Test atmosphere: dust/mist
	Skin corrosion/irritation Not classified due to lack of da	ata.	
	Serious eye damage/eye irri Not classified due to lack of da		
	Respiratory or skin sensitisa	atic	on
	Skin sensitisation May cause an allergic skin rea	actic	on.
	<b>Respiratory sensitisation</b> May cause allergy or asthma s	sym	ptoms or breathing difficulties if inhaled.
	Germ cell mutagenicity Not classified due to lack of da	ata.	
	<b>Carcinogenicity</b> Not classified due to lack of da	ata.	
	Reproductive toxicity Not classified due to lack of da	ata.	
	STOT - single exposure Not classified due to lack of da	ata.	
	STOT - repeated exposure Not classified due to lack of da	ata.	
	Aspiration toxicity		
	Not classified due to lack of da	ata.	
11.:	2 Information on other hazard	S	
	Endocrine disrupting proper	rtie	s
	Product: Assessment	:	The substance/mixture does not contain components consid- ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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#### **SECTION 12: Ecological information**

#### 12.1 Toxicity

	iner da	ased):
Toxicity to algae/aquatic plants	: EC	-
		EC (algae): 100 mg/l posure time: 72 h
aliphatic prepolymer (d-poly	ether b	ased):
Toxicity to daphnia and other aquatic invertebrates	: EC	50 (Daphnia (water flea)): > 100 mg/l
	NC	EC (Daphnia (water flea)): > 100 mg/l
Toxicity to algae/aquatic plants		50 (algae): > 100 mg/l posure time: 72 h
bis(2-ethylhexyl) adipate:		
Toxicity to daphnia and other aquatic invertebrates		50 (Daphnia magna (Water flea)): > 500 mg/l bosure time: 48 h
Toxicity to algae/aquatic plants		50 (Scenedesmus quadricauda (Green algae)): > 500 mg posure time: 72 h
Persistence and degradabilit	у	
No data available		

# 12.4 Mobility in soil

No data available

#### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

#### 12.6 Endocrine disrupting properties

#### Product:



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Assessment	: The substance/mixture does not of ered to have endocrine disrupting REACH Article 57(f) or Commissi (EU) 2017/2100 or Commission R levels of 0.1% or higher.	properties according to ion Delegated regulation
12.7 Other adverse effects		
Product: Additional ecological infor- mation	: There is no data available for this	product.

#### **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Product	:	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
European Waste Catalogue	:	08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances
	:	08 05 01* waste isocyanates
Contaminated packaging	:	15 01 10* packaging containing residues of or contaminated by dangerous substances

#### **SECTION 14: Transport information**

14.1 UN number or ID number			
ADR	:	Not regulated as a dangerous good	
IMDG	:	Not regulated as a dangerous good	
ΙΑΤΑ	:	Not regulated as a dangerous good	
14.2 UN proper shipping name			
ADR	:	Not regulated as a dangerous good	

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IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.3 Transport hazard class(es)		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.4 Packing group		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
IATA (Cargo)	:	Not regulated as a dangerous good
IATA (Passenger)	:	Not regulated as a dangerous good

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

Not applicable

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

#### **SECTION 15: Regulatory information**

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

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors

**REACH** Information:

All substances contained in our Products are

: Not applicable

- registered by our upstream suppliers, and/or
- registered by us, and/or
- excluded from the regulation, and/or
- exempted from the registration.

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: Number on list 75, 3

4,4'-methylenediphenyl diisocyanate (Number on list 74, 56)
3-isocyanatomethyl-3,5,5trimethylcyclohexyl isocyanate (Number on list 74)
1,2-Benzenedicarboxylic acid, di-C9-

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		-branched alkyl esters, C10-rich umber on list 52)
REACH - Candidate List of Substances of Very Concern for Authorisation (Article 59).		one of the components are listed > 0.1 %).
REACH - List of substances subject to authoris (Annex XIV)	sation : No	ot applicable
Regulation (EC) No 1005/2009 on substances plete the ozone layer	that de- : No	ot applicable
Regulation (EU) 2019/1021 on persistent organ tants (recast)	nic pollu- : No	ot applicable
Regulation (EC) No 649/2012 of the European ment and the Council concerning the export an of dangerous chemicals		ot applicable
Seveso III: Directive 2012/18/EU of the Europe jor-accident hazards involving dangerous subs Not applicat	tances.	d of the Council on the control of ma-
(VOCV)	anic compounds (V	blatile organic compounds /OC) content: < 0,01% w/w

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: < 0,01% w/w

#### Other regulations:

Act of February 25, 2011 on chemical substances and their mixtures (i.e. Journal of Laws of 2020, item 2289)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Official Journal of the European Union L 353 from 31.12.2008) with further adaptation to technical progress (ATP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94

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as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union L 396 from 30.12.2006, as amended).

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Ordinance of the Minister of Family, Labour and Social Policy of 12 June 2018 concerning the highest allowable concentrations and levels of the agents harmful for health in the workplace (Dz.U 2018 pos 1286, with later amendments).

Ordinance of the Minister of Health of 2nd February 2011 concerning tests and measurement of agents harmful for health in the workplace (Dz. U. Nr. 33, item 166 with later amendments).

Ordinance of the Minister of Health of 30th December 2004 on the health and safety of workers related to chemical agents at work (consolidated text, Journal of Laws 2016 no. 0 item 1488)

Act of 14 December 2012. on Waste (Journal of Laws of 2013. pos. 21, as amended).

Act of 13 June 2013. On packaging and packaging waste (Journal. U. of 2013. Item. 888, as amended).

Ordinance of the Minister of Climate of 2nd January 2020 on Waste Catalog (Dz. U. 2020 item 10).

Ordinance of the Minister of Environment on the requirements for carrying out the process of thermal treatment of waste and how to deal with waste produced in the process. (Dz. U. of 2016., Pos. 108)

Act of 19 August 2011 on transport of dangerous goods (Dz. U. Nr. 227, item 1367, as amended).

Government Statement of February 15, 2021 on the entry into force of amendments to Annexes A and B to Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), drawn up in Geneva on September 30, 1957 (Journal of Laws 202 poz.874 as amended)

Act of July 29, 2005 on drug addiction prevention (Journal of Laws of 2005, No. 179, item 1485, with later amendments)

Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC

#### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

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#### **SECTION 16: Other information**

H315:Causes skin irritation.H317:May cause an allergic skin reaction.H319:Causes serious eye irritation.H330:Fatal if inhaled.H332:Harmful if inhaled.H334:May cause allergy or asthma symptoms or breathing difficulties if inhaled.H335:May cause respiratory irritation.H351:Suspected of causing cancer.H373:May cause damage to organs through prolonged or repeated exposure if inhaled.H411::Toxic to aquatic life with long lasting effects.Full text of other abbreviatoms.Acute toxicityAquatic Chronic:Long-term (chronic) aquatic hazardCarc.:CarcinogenicityEye Irrit.:Eye irritationSkin Irrit.:Skin irritationSkin Sens.:Respiratory senstisationStin Isens.:Specific target organ toxicity - repeated exposureSTOT RE:Specific target organ toxicity - single exposurePL OEL:Ordinance of the Minister of Family, Labour and Social Policy of 12 June 2018 concerning the highest allowable concentra- trois and levels of the agents harmful for health in the work- place (Dz.U 2018 pos 1266, with later amendments)PL OEL / NDS:Maximal Admissible ConcentrationPL OEL / NDS:Maximal Admissible ConcentrationADR::Chernical Astracts ServiceDNEL:Derived no-effect levelCS0::<	Full text of H-Statements	
H317       :       May cause an allergic skin reaction.         H319       :       Causes serious eye irritation.         H330       :       Fatal if inhaled.         H332       :       Harmful if inhaled.         H334       :       May cause allergy or asthma symptoms or breathing difficulties if inhaled.         H335       :       May cause respiratory irritation.         H351       :       Suspected of causing cancer.         H373       :       May cause damage to organs through prolonged or repeated exposure if inhaled.         H411       :       Toxic to aquatic life with long lasting effects.         Full text of other abbreviations       :       Acute toxicity         Aquatic Chronic       :       Long-term (chronic) aquatic hazard         Carc.       :       Carcinogenicity         Eye Iritit.       :       Eye irititation         Skin Irrit.       :       Skin irensitisation         Skin Irrit.       :       Skin irensitisation         Stort SE       :       Specific target organ toxicity - single exposure         PL OEL       :       Ordinance of the Minister of Family, Labour and Social Policy of 12 June 2018 concerning the highest allowable concentrations and levels of the agents harmful for health in the workplace (Dz.U 2018 pos 1286, with later amendments) <td>H315 :</td> <td>Causes skin irritation.</td>	H315 :	Causes skin irritation.
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Version 2.0

SVHC vPvB	istration, Eval cals (REACH) : Substances o	uncil of 18 December 2006 concerning the Reg- uation, Authorisation and Restriction of Chemi- , establishing a European Chemicals Agency f Very High Concern nt and very bioaccumulative
Further information		
Classification of the	mixture:	Classification procedure:
Deen Come 4	1100.4	

Resp. Sens. 1	H334	Calculation method
Skin Sens. 1	H317	Calculation method

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

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