

according to Regulation (EC) No. 1907/2006

Carsystem Plastic Pro

Ver 2.1	sion GB / EN	Revision Date: 01.11.2021	Date of last issue: 30.04.2020 Date of first issue: 26.06.2019	
SE	CTION 1: Identification o	f the substance/m	ixture and of the company/underta	aking
1.1	Product identifier			
	Trade name	: Carsystem Pla	stic Pro	
	Product code	: 149.613		
1.2	Relevant identified uses of	the substance or m	ixture and uses advised against	
	Use of the Sub- stance/Mixture	: Body filler/stop	pper	
	Recommended restrictions on use	: Reserved for i	ndustrial and professional use.	
1.3	Details of the supplier of t	he safety data shee	t	
	Company	: Vosschemie G Esinger Steinw 25436 Ueterse Germany	veg 50	
		info@vosschei	nie.de	
	Telephone Telefax	: 04122 717 0 : 04122 717158		
	Responsible Department	: Laboratory		
		04122 717 0 sds@vosscher	nie.de	
1.4	Emergency telephone nur	nber		
	Telephone	: Giftinformation	szentrum (GIZ)-Nord,	

Telephone: Giftinformationszentrum (GIZ)-Nord,
Göttingen, Deutschland
0551 19240

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

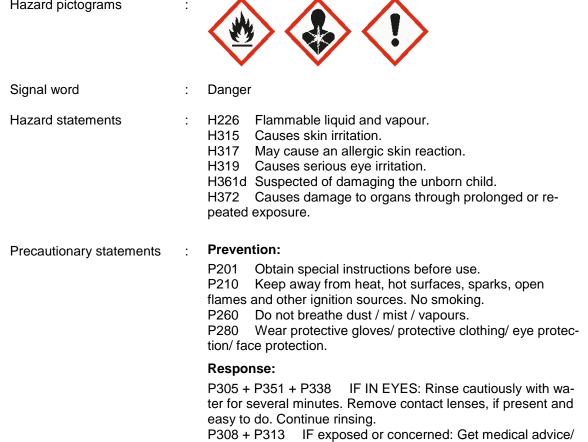
Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3	H226: Flammable liquid and vapour.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Reproductive toxicity, Category 2	H361d: Suspected of damaging the unborn child.
Specific target organ toxicity - repeated exposure, Category 1	H372: Causes damage to organs through pro- longed or repeated exposure.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



attention.

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Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

Hazardous components which must be listed on the label:

styrene maleic anhydride

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

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3.2 Mixtures

Chemical nature

Mixture contains Resin

Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Index-No.		
	Registration number		
styrene	100-42-5	Flam. Liq. 3; H226	>= 10 - < 20
	202-851-5	Acute Tox. 4; H332	
	601-026-00-0	Skin Irrit. 2; H315	
	01-2119457861-32	Eye Irrit. 2; H319	
		Repr. 2; H361d	
		STOT SE 3; H335	
		(Respiratory system)	
		STOT RE 1; H372	
		(hearing organs)	
		Asp. Tox. 1; H304	
		Aquatic Chronic 3;	
		H412	
Titanium dioxide	13463-67-7	Carc. 2; H351	>= 0.1 - < 1
	236-675-5		



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maleic anhydride	01-21194893	
	108-31-6 203-571-6 607-096-00-9 01-21194724	Skin Corr. 1B; H314 0.1 Eye Dam. 1; H318 0.1
Substances with a workp	lace exposure limit :	
Talc	14807-96-6 238-877-9	>= 30 - < 5
Copper chromite black s	binel 68186-91-4 269-053-7 01-21199661	23-40
Silicon dioxide	7631-86-9 231-545-4 01-21193794	99-16

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice :	In the case of accident or if you feel unwell, seek medical ad- vice immediately. Move out of dangerous area. Take off contaminated clothing and shoes immediately. Do not leave the victim unattended. Symptoms of poisoning may appear several hours later. Show this safety data sheet to the doctor in attendance.
Protection of first-aiders :	First Aid responders should pay attention to self-protection and use the recommended protective clothing
If inhaled :	Move to fresh air. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respira- tion. Call a physician immediately.
In case of skin contact :	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Call a physician if irritation develops or persists.

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In case of eye contact	:	for at least 15 min Keep eye wide op	pen while rinsing. Hove contact lens, if worn.
If swallowed	:	Rinse mouth with Do NOT induce v Call a physician i	omiting.
I.2 Most important symptoms ar	nd e	ffects. both acute	e and delaved
Risks	:	Causes skin irrita May cause an all Causes serious e Suspected of dar	tion. ergic skin reaction.
1.3 Indication of any immediate	mec	lical attention and	d special treatment needed
Treatment	:	Treat symptomat Keep under medi	ically. cal supervision for at least 48 hours.
SECTION 5: Firefighting meas	sur	es	
5.1 Extinguishing media			
Suitable extinguishing media	:	Carbon dioxide ((Dry powder Water spray jet Alcohol-resistant	
Unsuitable extinguishing media	:	High volume wate	er jet
5.2 Special hazards arising from	the	substance or mi	xture
Specific hazards during fire- fighting	:		erous/toxic fumes possible in cases of
Hazardous combustion prod- ucts	:	bustion	nposition products due to incomplete com- e, carbon dioxide and unburned hydrocar-
5.3 Advice for firefighters			
Special protective equipment for firefighters	:		e, wear self-contained breathing apparatus. tective equipment.
Further information	:	Use water spray	to cool unananad containars

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		be disposed of	in accordance with local regulations.
SECTION	6: Accidental relea	se measures	
6.1 Person	al precautions, prote	ctive equipment an	d emergency procedures
Perso	nal precautions	Evacuate perso Ensure adequa Remove all sou Do not smoke. Avoid contact v Sweep up to pr	protective equipment. onnel to safe areas. te ventilation, especially in confined areas. arces of ignition. with skin, eyes and clothing. event slipping hazard. rapour formation use a respirator with an ap-
6.2 Enviro	nmental precautions		
Enviro	nmental precautions		o surface water or sanitary sewer system. Is should be advised if significant spillages ained.
	ds and material for co ds for cleaning up	: Soak up with in acid binder, uni	ert absorbent material (e.g. sand, silica gel, iversal binder, sawdust). e, closed containers for disposal.
6.4 Refere	nce to other sections		
For person	al protection see sectio	n 8., For disposal co	nsiderations see section 13.
SECTION	7: Handling and sto	orage	
7.1 Precau	itions for safe handlin	q	
Advice	e on safe handling	Provide sufficie Wear personal Avoid contact v Avoid the inhal from the applic	closed when not in use. ent air exchange and/or exhaust in work rooms. protective equipment. vith skin and eyes. ation of dust, particulates, spray or mist arising ation of this mixture. n of dust from sanding.
	e on protection against d explosion	from open flam smoke. Take m	orm explosive mixtures with air. Keep away es, hot surfaces and sources of ignition. Do not leasures to prevent the build up of electrostatic plosion-proof equipment.
7.2 Condit	ions for safe storage,	including any inco	mpatibilities
	rements for storage and containers		I container. Keep containers tightly closed in a rell-ventilated place.

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		r information on stor- nditions	:	moisture. Keep a	heat and sources of ignition. Protect from way from direct sunlight. Do not store at ove 30 °C / 86 °F.
	Advice	on common storage	:	Incompatible with Keep away from	n oxidizing agents. food and drink.
7.3	•	c end use(s) ic use(s)	:	No data available	2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis			
Talc			1 mg/m3	GB EH40			
		TWA (Respirable dust)	0.1 mg/m3	2004/37/EC			
	Further inforn	nation: Carcinogens	or mutagens				
styrene	100-42-5	TWA	100 ppm 430 mg/m3	GB EH40			
		STEL	250 ppm 1,080 mg/m3	GB EH40			
Copper chromite black spinel	68186-91-4	TWA (inhalable fraction)	0.2 mg/m3 (Manganese)	2017/164/EU			
•	Further information: Indicative						
		TWA (Respirable fraction)	0.05 mg/m3 (Manganese)	2017/164/EU			
	Further inforn	nation: Indicative		•			
		TWA (Dusts and mists)	1 mg/m3 (Copper)	GB EH40			
		STEL (Dusts and mists)	2 mg/m3 (Copper)	GB EH40			
		TWA	0.5 mg/m3 (chromium)	GB EH40			
		TWA (Inhalable)	0.2 mg/m3 (Manganese)	GB EH40			
		TWA (Respirable fraction)	0.05 mg/m3 (Manganese)	GB EH40			
Silicon dioxide	7631-86-9	TWA (Respirable 0.1 mg/m3 dust)		2004/37/EC			
	Further inform	nation: Carcinogens	or mutagens				
		TWA (inhalable dust)	6 mg/m3 (Silica)	GB EH40			
		TWÁ (Respirable dust)	2.4 mg/m3 (Silica)	GB EH40			
Titanium dioxide	13463-67-7	TWA (inhalable	10 mg/m3	GB EH40			



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ŀ				Á (Respirable	4 n	ng/m3	GB EH40
			dust				
-	maleic anhydride	108-31-6	TW			ng/m3 Ig occupational asthma.	GB EH40
ŀ			STE			ng/m3	GB EH40
		Further inform				g occupational asthma.	
_	Derived No Effect I	Level (DNEL) a	ccord	ling to Regula	tion	(EC) No. 1907/2006:	
	Substance name	End Use		Exposure rou	ites	Potential health ef- fects	Value
	styrene	Workers		Dermal		Long-term systemic effects, Chronic ef- fects	406 mg/kg bw/day
		Workers		Inhalation		Long-term systemic effects, Chronic ef- fects	85 mg/m3
		Workers		Inhalation		Acute systemic ef- fects, Chronic effects	289 mg/m3
		Workers		Inhalation		Acute local effects, Short-term exposure	306 mg/m3
		Consumers	S	Oral		Long-term systemic effects, Chronic ef- fects	2.1 mg/kg bw/day
		Consumers	S	Dermal		Long-term systemic effects, Chronic ef- fects	343 mg/kg bw/day
		Consumers	S	Inhalation		Long-term systemic effects, Chronic ef- fects	10.0 mg/m3
		Consumers	S	Inhalation		Acute systemic ef- fects, Short-term exposure	174.25 mg/m3
		Consumers	S	Inhalation		Acute local effects, Short-term exposure	182.75 mg/m3

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
styrene	Fresh water	0.028 mg/l
	Marine water	0.014 mg/l
	Fresh water sediment	0.614 mg/kg dry weight (d.w.)
	Marine sediment	0.307 mg/kg dry weight (d.w.)
	Soil	0.2 mg/kg dry weight (d.w.)
	Sewage treatment plant	5 mg/l

8.2 Exposure controls

Personal protective equipment

Eye protection

: Safety glasses with side-shields conforming to EN166

Hand protection

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Material Break through time Glove thickness Directive Protective index	 Fluorinated rubb > 480 min >= 0.4 mm DIN EN 374 Class 6 	ber
Remarks	cation of degrad about break thro values! The exa to be obtained fu choice of an app material but also from one produc	be discarded and replaced if there is any indi- lation or chemical breakthrough. The data bugh time/strength of material are standard ct break through time/strength of material has rom the producer of the protective glove. The propriate glove does not only depend on its o on other quality features and is different cer to the other. Preventive skin protection not suitable. Nitrile gloves are not suitable. bber gloves.
Skin and body protection		table protective clothing, e.g. made of cotton t synthetic fibres. othing
Respiratory protection	exposure limits. If exposure can haust ventilation should be used. Dry sanding, flau rial will give rise Use the indicate	measures to comply with the occupational not be avoided by the provision of local ex- n, suitable respiratory protective equipment me cutting and/or welding of the cured mate- to dust and/or hazardous fumes. In respiratory protection if the occupational exceeded and/or in case of product release
Filter type	: Combined partic	culates and organic vapour type (A-P)
Protective measures	located close to Avoid contact w	flushing systems and safety showers are the working place. ith the skin and the eyes. dequate ventilation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: paste
Colour	: black
Odour	: characteristic
Melting point/range	: -30 °C Literary value styrene

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Boiling point/boiling range	: 145 °C (1,013 Literary value	
Upper explosion limit / Upper flammability limit	: 6.1 %(V) Literary value	styrene
Lower explosion limit / Lower flammability limit	: 1.1 %(V) Literary value	styrene
Flash point	: 31 °C(1,013 h Literary value	
Ignition temperature	: 490 °C (1,013 Literary value	
рН	: Not applicable	substance/mixture is non-soluble (in water)
Viscosity Viscosity, dynamic	: not determined	t
Viscosity, kinematic	: not determined	t
Solubility(ies) Water solubility	: 0.32 g/l Literar	y value styrene (25 °C)
Partition coefficient: n- octanol/water	: No data availa	ble
Vapour pressure	: 6.67 hPa (20 ° Literary value	
Density	: ca. 1.3 g/cm3	(20 °C)
9.2 Other information		
Explosives	: Not explosive In use, may fo	rm flammable/explosive vapour-air mixture.
Self-ignition	: not auto-flamn	nable

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if used as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : Ave

: Avoid radical-forming starting agents, peroxides and reactive metals.

Polymerisation can occur.Polymerisation is a highly exother-

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			may generate sufficient heat to cause ther- on and/or rupture containers.
10.4 Condit	tions to avoid		
Conditi	ons to avoid	: Heat, flames and Strong sunlight f	d sparks. or prolonged periods.
10.5 Incom	patible materials		
Materia	als to avoid	: Strong acids and polymerisation ir Copper Copper alloys Brass	d oxidizing agents hitiators

10.6 Hazardous decomposition products

Build-up of dangerous/toxic fumes possible in cases of fire/high temperature.

SECTION 11: Toxicological information

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

Acute toxicity

Not classified based on available information.

Product:		
Acute inhalation toxicity	:	Acute toxicity estimate: > 20 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method
Components:		
styrene:		
Acute oral toxicity	:	LD50 Oral (Rat): 5,000 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): 11.8 mg/l Exposure time: 4 h Test atmosphere: vapour
Acute dermal toxicity	:	LD50 Dermal (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402
Titanium dioxide:		
Acute oral toxicity	:	LD50 Oral (Rat): > 5,000 mg/kg
Acute inhalation toxicity	:	LD50 (Rat): > 6.8 mg/l Exposure time: 4 h
maleic anhydride:		
Acute oral toxicity	:	LD50 Oral (Rat): 1,090 mg/kg

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	Method: OE	CD Test Guideline 401
Acute inhalation toxicity		
Acute dermal toxicity	: LD50 Derma	al (Rabbit): 2,620 mg/kg
Talc:		
Acute inhalation toxicity	: Assessment tion toxicity	: The substance or mixture has no acute inhala-
Copper chromite black sp	pinel:	
Acute oral toxicity	: LD50 Oral (I	Rat): > 5,000 mg/kg
Acute inhalation toxicity	: LC50 (Rat): Exposure tin Test atmosp	
Silicon dioxide:		
Acute oral toxicity		Rat): > 5,000 mg/kg CD Test Guideline 401
Acute inhalation toxicity	: LC0 (Rat): 0 Exposure tin Test atmosp	
Acute dermal toxicity	: LD50 Derma	al (Rabbit): > 5,000 mg/kg
Skin corrosion/irritation Causes skin irritation. Components:		
styrene:		
Species Result	: Rabbit : irritating	
Titanium dioxide: Remarks	: No skin irrita	tion
Remarks	. NO SKITTITIO	
Serious eye damage/eye i Causes serious eye irritatio		
Components:		
styrene:		
Species	: Rabbit	



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Resul	t	: irritating				
Titani	um dioxide:					
Rema	ırks	: Dust contact	with the eyes can lead to mechanical irritation			
Respi	iratory or skin ser	sitisation				
Skin sensitisation May cause an allergic skin reaction. Respiratory sensitisation Not classified based on available information.						
styrei	ne:					
Speci Resul		: Guinea pig : Does not ca	use skin sensitisation.			
Titani	um dioxide:					
Rema	ırks	: No known se	ensitising effect.			
malei	c anhydride:					
Resul	t	: The product	is a skin sensitiser, sub-category 1A.			
	cell mutagenicity assified based on a	, available information.				
	nogenicity assified based on a	available information.				
-	oductive toxicity ected of damaging	the unborn child.				
Comp	oonents:					
styrei Repro sessm	ductive toxicity - A	s- : Suspected o	f damaging the unborn child.			
	- single exposure assified based on a	e available information.				
<u>Comp</u>	oonents:					
styre						
Asses	sment	: May cause r	espiratory irritation.			
	- repeated expos					
Cause	es damage to orga	ns (ear) through prolon	ged or repeated exposure if inhaled.			

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	<u>Comp</u>	onents:			
	styren	e:			
	Exposi	ure routes Organs	:	Inhalation ear Causes damage exposure.	to organs through prolonged or repeated
	maleic	anhydride:			
		ure routes Organs sment	:	Inhalation Respiratory syste Causes damage exposure.	m to organs through prolonged or repeated
	-	ntion toxicity Issified based on availa	able	information.	
Components:					
styrene: May be fatal if swallowed and enters airways.					
11.2	2 Inform	nation on other hazar	ds		
	Endocrine disrupting prope		ertie	S	
	<u>Produ</u>	<u>ct:</u>			
	Assess	sment	:	ered to have end REACH Article 57	ixture does not contain components consid- ocrine disrupting properties according to 7(f) or Commission Delegated regulation or Commission Regulation (EU) 2018/605 at higher.

SECTION 12: Ecological information

12.1 Toxicity

Components:

Styrene.		
Toxicity to fish	:	LC50 (Pimephales promelas (fathead minnow)): 4.02 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 4.7 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	:	EC50 (Selenastrum capricornutum (green algae)): 4.9 mg/l Exposure time: 72 h
Toxicity to microorganisms	:	EC50 (Natural microorganism): ca. 500 mg/l

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	Method: OECD Test Guideline 209	
Toxicity to fish (Chronic tox- icity)	: No data available:	
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	: NOEC: 1,01 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211	
Ecotoxicology Assessment		
Chronic aquatic toxicity	: Harmful to aquatic life with long lasting effects	
Titanium dioxide:		
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): > 1,000 Exposure time: 48 h	mg/l
maleic anhydride:		
Toxicity to fish	: LC50 (Lepomis macrochirus (Bluegill sunfish)) Exposure time: 96 h Method: EPA-660/3-75-00	: 75 mg/l
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): 42.81 m End point: Immobilization Exposure time: 48 h Method: OECD Test Guideline 202	g/I
Toxicity to algae/aquatic plants	 EC50 (Pseudokirchneriella subcapitata (green mg/l Exposure time: 72 h Method: OECD Test Guideline 201 	algae)): 74.35
Toxicity to daphnia and other aquatic invertebrates (Chron-ic toxicity)	: NOEC: 10 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea)	
Ecotoxicology Assessment		
Chronic aquatic toxicity	: This product has no known ecotoxicological ef	fects.
Silicon dioxide:		
Toxicity to fish	: LC0 (Brachydanio rerio (zebrafish)): > 10,000 Exposure time: 96 h Method: OECD Test Guideline 203	mg/l
Toxicity to daphnia and other aquatic invertebrates	: LC50 (Daphnia magna (Water flea)): > 1,000 Exposure time: 48 h Method: OECD Test Guideline 202	ng/l

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12.2 Pe	rsistence and degradabi	lity		
Co	mponents:			
-	rene: degradability	:	Biodegradation: Exposure time: 2 Readily biodegra	8 d
	leic anhydride: degradability	:	Biodegradation: Exposure time: 2 Method: OECD T	
12.3 Bio	accumulative potential			
Co	mponents:			
Par	rene: tition coefficient: n- anol/water	:	log Pow: 2.96 (25	5 °C)
Par	leic anhydride: tition coefficient: n- anol/water	:	log Pow: -2.61 (2	0 °C)
12.4 Mo	bility in soil			
Co	mponents:			
Dis	rene: tribution among environ- ntal compartments	:	log Koc: 2.55	
12.5 Re	sults of PBT and vPvB a	sse	ssment	
	oduct: sessment	:	to be either persis	nixture contains no components considered stent, bioaccumulative and toxic (PBT), or nd very bioaccumulative (vPvB) at levels of
12.6 En	docrine disrupting prope	ertie	es	
	educt: essment	:	ered to have end	ixture does not contain components consid- ocrine disrupting properties according to 7(f) or Commission Delegated regulation
				or Commission Regulation (EU) 2018/605 at

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12.7 Othe	er adverse effects						
Product: Additional ecological infor- mation		: No data availa	: No data available				
SECTIO	N 13: Disposal cons	iderations					
13.1 Was	te treatment methods						
Prod	uct	Do not empty tainer at haza Dispose of in Dispose of wa	 Do not dispose of with domestic refuse. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Dispose of in accordance with local regulations. Dispose of wastes in an approved waste disposal facility. Send to a licensed waste management company. 				
Cont	 Empty containers should be taken to an approved was dling site for recycling or disposal. Store containers and offer for recycling of material whe accordance with the local regulations. Packaging that is not properly emptied must be dispos the unused product. Dispose of in accordance with local regulations. 		ecycling or disposal. ers and offer for recycling of material when in ith the local regulations. at is not properly emptied must be disposed of as oduct.				
Waste Code :			The following Waste Codes are only suggestions: 07 02 08, other still bottoms and reaction residues				

SECTION 14: Transport information

14.1 UN number or ID number

ADN	:	UN 1866
ADR	:	UN 1866
RID	:	UN 1866
IMDG	:	UN 1866
ΙΑΤΑ	:	UN 1866
14.2 UN proper shipping name		
ADN	:	RESIN SOLUTION
ADR	:	RESIN SOLUTION
RID	:	RESIN SOLUTION
IMDG	:	RESIN SOLUTION
ΙΑΤΑ	:	Resin solution
14.3 Transport hazard class(es)		
ADN	:	3

VOSSCHEMIE

according to Regulation (EC) No. 1907/2006

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ADR	: 3	
RID	: 3	
IMDG	: 3	
ΙΑΤΑ	: 3	
14.4 Packing group		
ADN Packing group Classification Code Hazard Identification Number Labels	: III : F1 : 30 : 3	
ADR Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code	: III : F1 : 30 : 3 : (D/E)	
RID Packing group Classification Code Hazard Identification Number Labels	: III : F1 : 30 : 3	
IMDG Packing group Labels EmS Code	: III : 3 : F-E, <u>S-E</u>	
IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group Labels	: 366 : Y344 : III : Class 3 - Flammat	ble liquids
IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group Labels	: 355 : Y344 : III : Class 3 - Flammat	
14.5 Environmental hazards		
ADN Environmentally hazardous ADR Environmentally hazardous	: no : no	
RID Environmentally hazardous IMDG	: no	

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Marine pollutant : no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)	: Conditions of restriction for the fol- lowing entries should be considered: Number on list 3				
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	: Not applicable				
REACH - List of substances subject to authorisation (Annex XIV)	: Not applicable				
Regulation (EC) No 1005/2009 on substances that de- plete the ozone layer	: Not applicable				
Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast)	: Not applicable				
Seveso III: Directive 2012/18/EU of the Euro- P5c FLAMMABLE LIQUIDS pean Parliament and of the Council on the control of major-accident hazards involving dangerous substances.					
	unds (VOC) content: < 250 g/l oduct in a ready to use condition.				

15.2 Chemical safety assessment

A chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has not been carried out for this product.

SECTION 16: Other information

Full text of H-Statements

H226	:	Flammable liquid and vapour.
H302	:	Harmful if swallowed.
H304	:	May be fatal if swallowed and enters airways.
H314	:	Causes severe skin burns and eye damage.

according to Regulation (EC) No. 1907/2006



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H315 H317 H318 H319 H332 H334 H335 H351 H3610 H372	d		Causes serious et Causes serious et Harmful if inhaled May cause allergy ties if inhaled. May cause respira Suspected of caus Suspected of dam Causes damage t exposure if inhale	ergic skin reaction. ye damage. ye irritation. , or asthma symptoms or breathing difficul- atory irritation. sing cancer if inhaled. haging the unborn child. o organs through prolonged or repeated
H412 EUH0	71	:		c life with long lasting effects.
		•		
	ext of other abbreviation	ons		
Asp. 1 Carc. Eye D Eye Ir Flam. Repr. Resp. Skin C Skin S Skin S STOT STOT	ic Chronic Fox. Pam. rit. Liq. Sens. Corr. rrit. Sens. ' RE		Specific target org Europe. Directive	age s city
GB EI 2004/3 2017/ GB EI	164/EU H40 37/EC / TWA 164/EU / TWA H40 / TWA H40 / STEL	:	fourth list of indica UK. EH40 WEL - Long term exposu Limit Value - eight Long-term exposu	

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - Interna-

according to Regulation (EC) No. 1907/2006



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tional Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL -International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS -Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Classification of the mixture:

Classification of the m	nixture:	Classification procedure:
Flam. Liq. 3	H226	Based on product data or assessment
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Skin Sens. 1	H317	Calculation method
Repr. 2	H361d	Calculation method
STOT RE 1	H372	Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.