according to Regulation (EC) No. 1907/2006



## MOBIHEL SOFT PUTTY

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

#### **1.1 Product identifier**

on use

Trade name	: MOBIHEL SOFT PUTTY
Product code	: 40090601
Unique Formula Identifier (UFI)	: 4H5H-C1P0-F00A-HX9Y

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

Use of the Sub- stance/Mixture	:	PC9a Coatings and paints, thinners, paint removers
Recommended restrictions	:	Reserved for industrial and professional use.

#### 1.3 Details of the supplier of the safety data sheet

Company	: Helios TBLUS d.o.o. Količevo 65 1230 Domžale Slovenia
Telephone Company	: 386 (1) 722 4383
Telefax Company	: 386 (1) 722 4310
Responsible/issuing person	: 386 (1) 722 4383 productsafety@helios.si

#### 1.4 Emergency telephone number

- emergency number (for cases of poisoning, national number like 911)
- The National Poisons Information Centre, Ireland: 01 809 2166

National Emergency Health Line: 999

### **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.

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Skin sensitisation, Category 1 Reproductive toxicity, Category 2 Specific target organ toxicity - repe exposure, Category 1			<ul> <li>H317: May cause an allergic skin reaction.</li> <li>H361d: Suspected of damaging the unborn child.</li> <li>H372: Causes damage to organs through prolonged or repeated exposure.</li> </ul>
2.2 Labe	l elements		
	elling (REGULATION ard pictograms	N (EC) No 12	
Sign	al word	: Dan	ler
Hazi	ard statements	H37:	<ul> <li>Causes skin irritation.</li> <li>May cause an allergic skin reaction.</li> <li>Causes serious eye irritation.</li> <li>d Suspected of damaging the unborn child.</li> </ul>
Prec	autionary statements	: Prev	ention:
		P20 P210 flam P260 P264 P280	Keep away from heat, hot surfaces, sparks, open as and other ignition sources. No smoking. Do not breathe mist or vapours. Wash skin thoroughly after handling.
		Res	oonse:
			+ P378 In case of fire: Use dry sand, dry chemical or ol-resistant foam to extinguish.
Haza	ardous components	which mus	be listed on the label:
styre coba coba male	-		

#### **Additional Labelling**

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

#### 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.



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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. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
styrene	100-42-5 202-851-5 601-026-00-0 01-2119457861-32	Flam. Liq. 3; H226 Acute Tox. 4; H332 Skin Irrit. 2; H315 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	>= 10 - < 20
toluene	108-88-3 203-625-9 601-021-00-3 01-2119471310-51	Flam. Liq. 2; H225 Skin Irrit. 2; H315 Repr. 2; H361d STOT SE 3; H336 (Central nervous system) STOT RE 2; H373 Asp. Tox. 1; H304 Aquatic Chronic 3; H412	>= 0.25 - < 1
cobalt bis(2-ethylhexanoate)	136-52-7 205-250-6 01-2119524678-29	Eye Irrit. 2; H319 Skin Sens. 1A; H317 Repr. 1B; H360D Aquatic Acute 1; H400 Aquatic Chronic 3; H412	>= 0.025 - < 0.1
cobalt(2+) propionate	1560-69-6 01-2119532653-41	Acute Tox. 4; H302 Acute Tox. 4; H332 Eye Irrit. 2; H319 Skin Sens. 1A; H317 Repr. 1B; H360Fd Aquatic Acute 1;	>= 0.0025 - < 0.025

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ersion D	Revision Date: 19.07.2023	SDS Number: MAT0GA05_065 IE/EN	Date of last issue: - Date of first issue: 19.07.202	3
			H400 Aquatic Chronic 2; H411	
			Acute toxicity esti- mate	
			Acute oral toxicity: 354.7 mg/kg	
malei	c anhydride	108-31-6 203-571-6 607-096-00-9 01-2119472428	Skin Corr. 1B; H314 Eye Dam. 1; H318	>= 0.001 - < 0.1
			specific concentration limit Skin Sens. 1A; H317 >= 0.001 %	
Subst	tances with a workp	lace exposure limit :	1	
Talc		14807-96-6 238-877-9 01-2120140278		>= 30 - < 50

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

#### 4.1 Description of first aid measures

General advice	:	Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
If inhaled	:	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	:	If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact	:	Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	:	Keep respiratory tract clear. Do not give milk or alcoholic beverages.

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			Never give anything by mouth to an unconscious perso If symptoms persist, call a physician. Take victim immediately to hospital.	on.
4.2 Most	important symptom	s and o	effects, both acute and delayed	
Risk	3	:	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeat exposure.	ted
4.3 Indica	ation of any immedia	te me	dical attention and special treatment needed	
Treat	tment	:	Treat symptomatically.	
SECTIO	N 5: Firefighting m	easur	res	
E 1 Extin	nuiching modio			
	guishing media ble extinguishing med	dia :	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical	
Unsu medi	iitable extinguishing a	:	High volume water jet	
5.2 Speci	al hazards arising fr	om the	e substance or mixture	
-	ific hazards during fire		Do not allow run-off from fire fighting to enter drains or courses.	water
Haza ucts	rdous combustion pro	od- :	No hazardous combustion products are known	
5.3 Advic	e for firefighters			
Spec	ial protective equipmo efighters	ent :	Wear self-contained breathing apparatus for firefighting essary.	g if nec-
Furth	er information	:	Collect contaminated fire extinguishing water separatel must not be discharged into drains. Fire residues and contaminated fire extinguishing wate be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be store rately in closed containments. Use a water spray to cool fully closed containers.	r must



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#### **SECTION 6: Accidental release measures**

### 6.1 Personal precautions, protective equipment and emergency procedures

• • •		
Personal precautions	:	Use personal protective equipment. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentra- tions. Vapours can accumulate in low areas.
6.2 Environmental precautions Environmental precautions		Prevent product from entering drains.

### Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

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

Methods for cleaning up	:	Contain spillage, and then collect with non-combustible ab- sorbent material, (e.g. sand, earth, diatomaceous earth, ver-
		miculite) and place in container for disposal according to local / national regulations (see section 13).

#### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

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

#### 7.1 Precautions for safe handling

Advice on safe handling	:	<ul> <li>Avoid formation of aerosol.</li> <li>Do not breathe vapours/dust.</li> <li>Avoid exposure - obtain special instructions before use.</li> <li>Avoid contact with skin and eyes.</li> <li>For personal protection see section 8.</li> <li>Smoking, eating and drinking should be prohibited in the application area.</li> <li>Take precautionary measures against static discharges.</li> <li>Provide sufficient air exchange and/or exhaust in work rooms.</li> <li>Open drum carefully as content may be under pressure.</li> <li>Dispose of rinse water in accordance with local and national regulations.</li> <li>Persons susceptible to skin sensitisation problems or asthma,</li> </ul>
		allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
Advice on protection against fire and explosion	:	Do not spray on a naked flame or any incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from open flames, hot surfaces and sources of ignition.
Hygiene measures	:	When using do not eat or drink. When using do not smoke.

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7 2 Condit	iono for cofo ctoro	ao ino		breaks and at the end of workday.
Requi	rements for storage and containers	•	ventilated place. Cor fully resealed and ke label precautions. El	ionities ontainer tightly closed in a dry and well- ntainers which are opened must be care- ept upright to prevent leakage. Observe ectrical installations / working materials e technological safety standards.
Furthe age st	er information on sto ability	v <b>r-</b> :	No decomposition if	stored and applied as directed.
7.3 Specific end use(s)Specific use(s):		For further information sheet.	on, refer to the product technical data	
			Consult the technica stance/mixture.	l guidelines for the use of this sub-

### **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	Talc 14807-96-6		0.8 mg/m3	IE OEL
		OELV - 8 hrs (TWA) (inhalable dust)	10 mg/m3	IE OEL
		TWA (Respirable dust)	0.1 mg/m3	2004/37/EC
	Further inforn	nation: Carcinogens	or mutagens	
styrene	100-42-5	OELV - 15 min (STEL)	40 ppm 170 mg/m3	IE OEL
		OELV - 8 hrs (TWA)	20 ppm 85 mg/m3	IE OEL
Limestone	1317-65-3	OELV - 8 hrs (TWA) (Respira- ble dust)	4 mg/m3	IE OEL
		OELV - 8 hrs (TWA) (inhalable dust)	10 mg/m3	IE OEL
barium sulfate	7727-43-7	OELV - 8 hrs (TWA) (Respira- ble dust)	5 mg/m3	IE OEL
titanium dioxide	13463-67-7	OELV - 8 hrs (TWA) (Respira- ble dust)	4 mg/m3	IE OEL

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		OELV - 8 hrs (TWA) (inhalable dust)	10 mg/m3	IE OEL			
toluene	108-88-3	TWA	50 ppm 192 mg/m3	2006/15/E			
	Further infor through the s		entifies the possibility of	significant uptake			
		STEL	100 ppm 384 mg/m3	2006/15/E			
	Further infor through the s		entifies the possibility of	<b>U</b>			
		OELV - 15 min (STEL)	100 ppm 384 mg/m3	IE OEL			
		Further information: Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body					
		OELV - 8 hrs (TWA)	50 ppm 192 mg/m3	IE OEL			
			which have the capacity ith it, and be absorbed it				
cobalt bis(2- ethylhexanoate)	136-52-7	OELV - 8 hrs (TWA)	0.02 mg/m3 (Cobalt)	IE OEL			
		of the respiratory tra	ents which following exp ct and lead to asthma, rh				
cobalt(2+) propi nate	o- 1560-69-6	OELV - 8 hrs (TWA)	0.02 mg/m3 (Cobalt)	IE OEL			
		of the respiratory tra-	ents which following exp ct and lead to asthma, rl				
maleic anhydrid		OELV - 8 hrs (TWA) (Inhalable fraction and va- pour)	0.01 ppm	IE OEL			
	Further infor sensitisation allergic alveo	of the respiratory tra-	ents which following exp ct and lead to asthma, rh	osure may cause ninitis or extrinsic			

### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health ef- fects	Value
Talc	Workers	Inhalation	Acute systemic ef- fects	2.16 mg/m3
	Workers	Inhalation	Acute local effects	3.6 mg/m3
	Consumers	Inhalation	Acute systemic ef- fects	1.08 mg/m3
	Consumers	Inhalation	Acute local effects	1.8 mg/m3
	Consumers	Dermal	Long-term local ef- fects	2.27 mg/cm2
	Workers	Dermal	Long-term local ef- fects	4.54 mg/cm2
	Consumers	Oral	Long-term systemic effects	160 mg/kg bw/day

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		Consumers	Oral	Acute systemic ef- fects	160 mg/kg bw/day	
		Workers	Dermal	Long-term systemic effects	43.2 mg/kg bw/day	
		Consumers	Dermal	Long-term systemic effects	21.6 mg/kg bw/day	
styren	le	Workers	Inhalation	Acute systemic ef- fects	100 mg/m3	
		Workers	Inhalation	Acute local effects	100 mg/m3	
		Workers	Inhalation	Long-term systemic effects	85 mg/m3	
		Consumers	Inhalation	Acute systemic ef- fects	10 mg/m3	
		Consumers	Inhalation	Acute local effects	10 mg/m3	
		Consumers	Inhalation	Long-term systemic effects	1 mg/m3	
		Workers	Inhalation	Long-term local ef- fects	100 mg/m3	
		Workers	Inhalation	Long-term local ef- fects	1 mg/m3	
		Workers	Dermal	Long-term systemic effects	406 mg/kg bw/day	
		Consumers	Dermal	Long-term systemic effects	343 mg/kg bw/day	
		Consumers	Oral	Long-term systemic effects	0.0077 mg/ bw/day	
bariun	n sulfate	Consumers	Inhalation	Long-term systemic effects	10 mg/m3	
		Workers	Inhalation	Long-term systemic effects	10 mg/m3	
		Consumers	Oral	Long-term systemic effects	13000 mg/l bw/day	
titaniu	m dioxide	Workers	Inhalation	Long-term local ef- fects	10 mg/m3	
		Consumers	Oral	Long-term systemic effects	700 mg/kg bw/day	
toluen	le	Workers	Inhalation	Long-term systemic effects	192 mg/m3	
		Workers	Inhalation	Long-term local ef- fects	192 mg/m3	
		Consumers	Inhalation	Acute systemic ef- fects	226 mg/m3	
		Consumers	Inhalation	Acute local effects	226 mg/m3	
	: bis(2- exanoate)	Workers	Inhalation	Long-term systemic effects	0.2351 mg/	
		Consumers	Inhalation	Long-term local ef- fects	0.037 mg/n	
		Consumers	Oral	Long-term systemic effects	0.0276 mg/ bw/day	
cobalt	(2+) propionate	Workers	Inhalation	Long-term local ef- fects	0.1392 mg/	
		Consumers	Inhalation	Long-term local ef-	0.0219 mg/	

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62.2 mg/l

100 mg/kg dry weight (d.w.)

0.0184 mg/l 0.184 mg/l

100 mg/kg dry

1000 mg/kg dry weight (d.w.) 100 mg/l

2.89 mg/kg dry

weight (d.w.) 0.68 mg/l

weight (d.w.)

13.61 mg/l

16.39 mg/kg dry weight (d.w.)

weight (d.w.)

0.193 mg/l

0.68 mg/l 16.39 mg/kg dry

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titanium dioxide

toluene

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1						fects	ĺ	
		Consumer	S	Oral		Long-term systemic effects		).1038 mg/k w/day
Predi	cted No Effect Co	oncentratio	n (PN	EC) accord	ling to F	Regulation (EC) No.	1907	//2006:
Subst	tance name		Envir	onmental C	ompartr	nent	Valu	
Talc				e water				.26 mg/l
			Fresh	n water				.97 mg/l
			Marin	ie sediment				B mg/kg dry
			Ene ele					ght (d.w.)
			Fresr	n water sedi	ment			33 mg/kg dr ght (d.w.)
			Intern	nittent use/r	elease			.97 mg/l
styrer	ne		Soil				6 - 0.200	
							-	kg dry weig
							(d.w	
			Marin	e water				4 - 0.040
							mg/	I
			Fresh	n water			0.02	28 - 0.040
							mg/	I
			Marin	e sediment			0.30	)7 - 0.418
							mg/	kg dry weig
							(.)	
			Fresh	n water sedi	ment			8 - 0.614
							mg/	kg dry weig
							(d.w	
				ige treatmei	nt plant		5 m	
bariur	m sulfate		Soil					.7 mg/kg dr
								ght (d.w.)
				n water				5 mg/l
			Fresh	n water sedi	ment			.4 mg/kg dr
							weig	ght (d.w.)
1 -			0					

Sewage treatment plant

Soil

Soil

Marine water

Marine water Fresh water

Marine sediment

Marine sediment

Fresh water sediment

Sewage treatment plant

Intermittent use/release

Fresh water

Fresh water sediment

Sewage treatment plant

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	Intermittent use/release	0.68 mg/l
cobalt bis(2-ethylhexanoate)	Soil	10.9 mg/kg dry weight (d.w.)
	Marine water	0.00236 mg/l
	Fresh water	0.0006 mg/l
	Marine sediment	9.5 mg/kg dry weight (d.w.)
	Fresh water sediment	9.5 mg/kg dry weight (d.w.)
	Sewage treatment plant	0.37 mg/l
cobalt(2+) propionate	Fresh water	0.000620 mg/l
	Marine water	0.00236 mg/l
	Sewage treatment plant	0.370 mg/l
	Fresh water sediment	53.8 mg/kg dry weight (d.w.)
	Marine sediment	69.8 mg/kg dry weight (d.w.)
	Soil	10.9 mg/kg dry weight (d.w.)

#### 8.2 Exposure controls

Personal protective equipment	
Eye/face protection :	Equipment should conform to EN 166 Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.
Hand protection	F
Gloves :	Nitrile rubber (> 0,1 mm; < 60 min); DIN EN374             butyl-rubber (> 0,6 mm; < 240 min); DIN EN374
Remarks :	The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local condi- tions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
Skin and body protection :	Impervious clothing Choose body protection according to the amount and con-
Respiratory protection :	centration of the dangerous substance at the work place. Use respiratory protection unless adequate local exhaust ven- tilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Equipment should conform to EN 14387
Filter type :	Combined particulates and organic vapour type (A-P)



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

### 9.1 Information on basic physical and chemical properties

Physical state Colour Odour Odour Threshold	:	viscous liquid in accordance with the product description solvent-like No data available
Melting point/freezing point	:	-31.0 °C (calculation method (principal components, lowest value))
Boiling point/boiling range	:	145 °C (calculation method (principal components, lowest value))
Flammability	:	Static-accumulating flammable liquid., Combustible Solids
Upper explosion limit / Upper flammability limit	:	8 %(V) (calculation method (principal components, highest value))
Lower explosion limit / Lower flammability limit	:	1.1 %(V) (calculation method (principal components, highest value))
Flash point	:	31 °C (calculation method (principal components, lowest val- ue))
Ignition temperature	:	490 °C (calculation method (principal components, highest value))
Decomposition temperature	:	No decomposition if stored and applied as directed. Hazardous decomposition products formed under fire condi- tions.
рН	:	Not applicable
Viscosity Viscosity, kinematic	:	> 20.5 mm2/s (40 °C)
Solubility(ies) Water solubility Solubility in other solvents	:	immiscible, partly soluble No data available
Partition coefficient: n- octanol/water	:	log Pow: 2.95 (calculation method (principal components, highest value))
Relative density	:	1.60 (calculation method (principal components, highest val-

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		ue))	
Dens	ity	: 1.687 - 1.801 g/cm3	
Relat	ive vapour density	: 3.6 (calculation method	(principal components, lowest value))
		(Air = 1.0)	
	information osives	: Not applicable	
Oxidi	zing properties	: Sustains combustion	
Evap	oration rate	: No data available	
VOC		: (Directive 2004/42/EC) 250 g/l	
SECTION	N 10: Stability and	reactivity	
10.1 Read	•		
		and applied as directed.	
	nical stability ecomposition if store	and applied as directed.	
110 40		reactions	
	ibility of hazardous		
10.3 Poss	rdous reactions		ed and applied as directed.

#### 10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

#### 10.5 Incompatible materials

Materials to avoid : Incompatible with strong acids and bases.

### **10.6 Hazardous decomposition products**

Adequate ventilation is required. Heating can release vapours which can be ignited. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).



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### **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): >= 24 mg/l Exposure time: 4 h Test atmosphere: vapour
Acute dermal toxicity	:	LD50 (Rabbit): > 2,650 mg/kg
toluene:		
Acute oral toxicity	:	LD50 Oral (Rat): > 5,000 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 28 mg/l Exposure time: 4 h Test atmosphere: vapour
Acute dermal toxicity	:	LD50 (Rabbit): > 5,000 mg/kg
cobalt(2+) propionate:		
Acute oral toxicity	:	LD50 Oral (Rat): 354.7 mg/kg
Acute inhalation toxicity	:	Assessment: The component/mixture is moderately toxic after short term inhalation.
maleic anhydride: Acute oral toxicity	:	Assessment: The component/mixture is moderately toxic after single ingestion.
Skin corrosion/irritation Causes skin irritation.		
<u>Product:</u> Remarks	:	May cause skin irritation and/or dermatitis.

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<u>Comp</u>	oonents:			
styre	ne:			
Resul	t	:	irritating	
tolue	ne:			
Resul	lt	:	irritating	
malei	c anhydride:			
Resul	t	:	Corrosive after 3 m	inutes to 1 hour of exposure
	<b>us eye damage/ey</b> es serious eye irrita		on	
Produ				
Rema	arks	:	May cause irreversi	ible eye damage.
<u>Com</u>	oonents:			
styre				
Resul	t	:	Eye irritation	
coba	lt bis(2-ethylhexan	oate):		
Resul	lt	:	Eye irritation	
coba	lt(2+) propionate:			
Resul	lt	:	Eye irritation	
Resp	iratory or skin sen	sitisatio	'n	
Skin	sensitisation			
-	ause an allergic sk		on.	
-	iratory sensitisation assified based on a		information.	
Produ				
Rema		:	Causes sensitisatio	n.
<u>Com</u>	oonents:			
<b>coba</b> l Resul	l <b>t bis(2-ethylhexan</b> It	oate):	The product is a ski	in sensitiser, sub-category 1A.
		-		,
<b>coba</b> l Resul	lt(2+) propionate:	:	The product is a ski	in sensitiser, sub-category 1A.
176201	it.	•	The product is a SKI	ייז שבוושוושבו, שטשיטמובטטוע דא.

according to Regulation (EC) No. 1907/2006



rsion	Revision Date: 19.07.2023		Number:Date of last issue: -DGA05_065Date of first issue: 19.07.2023N		
maleio	anhydride:				
Result	-	:	Probability of respiratory sensitisation in humans based on animaltesting		
Result		:	Probability or evidence of skin sensitisation in humans		
Germ cell mutagenicity Not classified based on available information.					
	<b>ogenicity</b> assified based on a	vailable	information.		
•	ductive toxicity cted of damaging t	he unbo	orn child.		
<u>Comp</u>	onents:				
styren	e:				
Reproo sessm	ductive toxicity - As ent	S- :	Some evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experimer		
toluen	e:				
Reproo sessm	ductive toxicity - As ent	S- :	Some evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiment		
cobalt	(2+) propionate:				
	ductive toxicity - As	S- :	Clear evidence of adverse effects on sexual function and feity, based on animal experiments. Some evidence of adverse effects on development, based animalexperiments.		
STOT	- single exposure	L.			
	assified based on a		information.		
<u>Comp</u>	onents:				
styren	e:				
Asses	sment	:	May cause respiratory irritation.		
toluen	e:				
Asses	sment	:	May cause drowsiness or dizziness.		
sтот	- repeated exposi	ure			
Cause	s damage to organ	is throug	gh prolonged or repeated exposure.		
<u>Comp</u>	onents:				
styren	e:				
Asses	sment	:	Causes damage to organs through prolonged or repeated exposure.		

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tolue	ne:				
	ssment	: May cause o exposure.	lamage to organs through prolonged or repeated		
	<b>ic anhydride:</b> ssment	: May cause o exposure.	lamage to organs through prolonged or repeated		
-	r <b>ation toxicity</b> lassified based on a	available information.			
Com	ponents:				
-	styrene: May be fatal if swallowed and enters airways.				
	<b>toluene:</b> May be fatal if swallowed and enters airways.				
11.2 Infor	mation on other ha	azards			
Endo	crine disrupting p	roperties			
Prod	uct:				
Asses	ssment	ered to have REACH Artic	ce/mixture does not contain components consid- e endocrine disrupting properties according to cle 57(f) or Commission Delegated regulation 100 or Commission Regulation (EU) 2018/605 at % or higher.		
Furth	er information				
Prod	uct:				
Rema	arks	: Solvents ma	y degrease the skin.		
SECTION	N 12: Ecological i	nformation			

### 12.1 Toxicity

<b>Components:</b>	

### styrene:

styrene:		
Toxicity to fish	:	LC50 (Fish): >= 10 - 12 mg/l
Toxicity to daphnia and other aquatic invertebrates	:	LC50 (Daphnia (water flea)): >= 4.7 mg/l

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		icology Assessmo aquatic toxicity		Harmful to aquatic life with long lasting effects.
	toluene	):		
		icology Assessme aquatic toxicity		Harmful to aquatic life with long lasting effects.
	cobalt	bis(2-ethylhexano	ate):	
		icology Assessmo quatic toxicity	ent :	Very toxic to aquatic life.
	Chronic	aquatic toxicity	:	Harmful to aquatic life with long lasting effects.
	•	2+) propionate:		
	Toxicity	r to fish	:	LC50 (Fish): 1.5 mg/l
	Toxicity plants	to algae/aquatic	:	EC50 (Scenedesmus capricornutum (fresh water algae)): 197 µg/l
				EC50 (Champia parvula (marine algae)): 24,1 μg/l
				EC10 (Scenedesmus capricornutum (fresh water algae)): 66,9 µg/l
				EC10 (Champia parvula (marine algae)): 1,23 µg/l
	Toxicity	to microorganisms	<b>S</b> :	EC50 : 120 mg/l
				EC10 : 3.73 mg/l
	Toxicity icity)	to fish (Chronic to	<b>x-</b> :	NOEC: 351,4 µg/l Species: Fish
				NOEC: 31.802 mg/l Species: Marine species
	Ecotox	icology Assessm	ent	
	Acute a	quatic toxicity	:	Very toxic to aquatic life.
	Chronic	aquatic toxicity	:	Toxic to aquatic life with long lasting effects.
	<b>maleic</b> Toxicity	anhydride: to fish	:	LC50 : 75 mg/l Exposure time: 96 h
		r to daphnia and oth invertebrates (Chro		NOEC: 10 mg/l Exposure time: 21 d

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ic to	kicity)		Species: Daphnia magna (Water flea)
12.2 Pers	sistence and degrada	bility	
Com	ponents:		
styre	ene:		
Biod	egradability	:	Test Type: aerobic Readily biodegradable.
			Test Type: anaerobic According to the results of tests of biodegradability this prod- uct is not readily biodegradable.
Phys ity	sico-chemical removab	oil- :	The product evaporates readily. Readily biodegradable.
Stab	ility in water	:	Hydrolyses slowly.
Phot	odegradation	:	Decomposes rapidly in contact with light.
male	eic anhydride:		
Biod	egradability	:	Result: Biodegradable Biodegradation: 90 % Exposure time: 25 d Method: OECD Test Guideline 301B
Stab	ility in water	:	Hydrolyses readily.
Phot	odegradation	:	
12.3 Bioa	accumulative potentia	al	
Com	ponents:		
styre	ene:		
Bioa	ccumulation	:	Bioaccumulation is unlikely.
	tion coefficient: n- nol/water	:	log Pow: 2.95
tolue	ene:		
	tion coefficient: n- nol/water	:	log Pow: 2.65
	eic anhydride:		
Bioa	ccumulation	:	Bioaccumulation is unlikely.
	tion coefficient: n- nol/water	:	log Pow: -2.61 (20 °C)

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12.4 Mobility in soil Components: styrene: Mobility maleic anhydride: Mobility Distribution among mental compartme 12.5 Results of PBT ar Product: Assessment 12.6 Endocrine disrup	:	<ul> <li>Medium: Air Content: 98.6 %</li> <li>Medium: Water Content: 1.21 %</li> <li>Medium: Sedimer Content: 0.09 %</li> <li>Medium: Soil Content: 0.09 %</li> <li>Medium: Water Content: 100 %</li> </ul>	nt
styrene: Mobility maleic anhydride: Mobility Distribution among mental compartme 12.5 Results of PBT ar Product: Assessment	:	Content: 98.6 % Medium: Water Content: 1.21 % Medium: Sedimer Content: 0.09 % Medium: Soil Content: 0.09 %	nt
Mobility maleic anhydride: Mobility Distribution among mental compartme 12.5 Results of PBT ar <u>Product:</u> Assessment	:	Content: 98.6 % Medium: Water Content: 1.21 % Medium: Sedimer Content: 0.09 % Medium: Soil Content: 0.09 %	nt
maleic anhydride: Mobility Distribution among mental compartme 12.5 Results of PBT ar <u>Product:</u> Assessment	:	Content: 98.6 % Medium: Water Content: 1.21 % Medium: Sedimer Content: 0.09 % Medium: Soil Content: 0.09 %	nt
Mobility Distribution among mental compartme 12.5 Results of PBT ar <u>Product:</u> Assessment	:	Content: 1.21 % Medium: Sedimer Content: 0.09 % Medium: Soil Content: 0.09 %	nt
Mobility Distribution among mental compartme 2.5 Results of PBT ar <u>Product:</u> Assessment	:	Content: 0.09 % Medium: Soil Content: 0.09 % Medium: Water	nt
Mobility Distribution among mental compartme 2.5 Results of PBT ar <u>Product:</u> Assessment	:	Content: 0.09 % Medium: Water	
Mobility Distribution among mental compartme 2.5 Results of PBT ar <u>Product:</u> Assessment	:		
Mobility Distribution among mental compartme 2.5 Results of PBT ar <u>Product:</u> Assessment	:		
mental compartme 2.5 Results of PBT ar <u>Product:</u> Assessment	:		
mental compartme 2.5 Results of PBT ar <u>Product:</u> Assessment		Medium: Soil Content: 0 %	
Product: Assessment		Koc: 42, log Koc:	1.63
Assessment	nd vPvB ass	essment	
2.6 Endocrine disrup	:	to be either persis	ixture contains no components considered stent, bioaccumulative and toxic (PBT), or id very bioaccumulative (vPvB) at levels of
	ting properti	ies	
Product:			
Assessment	:	ered to have endo REACH Article 57	ixture does not contain components consid- ocrine disrupting properties according to (f) or Commission Delegated regulation or Commission Regulation (EU) 2018/605 a higher.
12.7 Other adverse eff	ects		
Product:			
Additional ecologic mation	al infor- :	No data available	
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#### **SECTION 13:** Disposal considerations

13.1 Waste treatment methods	
Product	<ul> <li>Do not dispose of waste into sewer.</li> <li>Do not contaminate ponds, waterways or ditches with chemical or used container.</li> <li>Send to a licensed waste management company.</li> </ul>
Contaminated packaging	<ul> <li>Empty remaining contents.</li> <li>Dispose of as unused product.</li> <li>Do not re-use empty containers.</li> <li>Do not burn, or use a cutting torch on, the empty drum.</li> </ul>
Waste Code	<ul> <li>08 00 00, WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS 08 01 00, wastes from MFSU and removal of paint and var- nish 08 01 11, waste paint and varnish containing organic solvents or other hazardoussubstances</li> <li>15 00 00, WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED</li> <li>15 01 00, packaging (including separately collected municipal packaging waste)</li> <li>15 01 10, packaging containing residues of or contaminated by hazardoussubstances</li> <li>HP3, Flammable</li> <li>HP4, Irritant - skin irritation and eye damage</li> <li>HP5, Specific Target Organ Toxicity (STOT)/Aspiration Toxici- ty</li> <li>HP10, Toxic for reproduction</li> <li>HP13, Sensitising</li> </ul>

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

14.1 UN number or ID number				
ADN	:	UN 3269		
ADR	:	UN 3269		
RID	:	UN 3269		
IMDG	:	UN 3269		
ΙΑΤΑ	:	UN 3269		
14.2 UN proper shipping name				
ADN	:	POLYESTER RESIN KIT		
ADR	:	POLYESTER RESIN KIT		

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RID		: POLYES	TER RESIN KIT
IMDG		: POLYES	TER RESIN KIT
ΙΑΤΑ		: Polyester	r resin kit
14.3 Trans	sport hazard class(e	-	
		Class	Subsidiary risks
ADN		: 3	
ADR		: 3	
RID		: 3	
IMDG		: 3	
IATA		: 3	
	ing group	. 0	
	ng group		
	ng group ification Code s	: III : F3 : 3	
Classi Labels	ng group ification Code s el restriction code	: III : F3 : 3 : (E)	
Classi Hazar	ng group ification Code d Identification Numb	: III : F3 er : 30	
Labels		: 3	
IMDG Packii Labels EmS (	ng group S	: III : 3 : F-E, S-D	
	<b>(Cargo)</b> ng instruction (cargo	: 370	
Packi	ng instruction (LQ)	: Y370 : III : Flammat	le Liquids
	(Passenger) ng instruction (passer rcraft)	- : 370	
Packi	ng instruction (LQ) ng group	: Y370 : III : Flammat	ole Liquids

#### 14.5 Environmental hazards

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<b>ADN</b> Enviro	onmentally hazardou	us : no	
<b>ADR</b> Enviro	onmentally hazardou	is : no	
<b>RID</b> Enviro	onmentally hazardou	us : no	
<b>IMDG</b> Marin	i e 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, mixtures and articles (Annex XVII)	:	Conditions of restriction for the fol- lowing entries should be considered: Number on list 75, 3 If you intend to use this product as tattoo ink, please contact your ven- dor.
		toluene (Number on list 48)
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	:	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
Regulation (EC) No 649/2012 of the European Parlia- ment and the Council concerning the export and import of dangerous chemicals	:	Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	:	Not applicable
Seveso III: Directive 2012/18/EU of the Euro- pean Parliament and of the Council on the control of major-accident hazards involving dangerous substances.	FL	AMMABLE LIQUIDS



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Volatile organic compounds

Directive 2004/42/EC Volatile organic compounds (VOC) content: 250 g/l

#### Other regulations:

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

#### 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

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

Eye Dam.

Flam. Liq.

Eye Irrit.

Full text of H-Statements				
H225	:	Highly flammable liquid and vapour.		
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.		
H315	:	Causes skin irritation.		
H317	:	May cause an allergic skin reaction.		
H318	:	Causes serious eye damage.		
H319	:	Causes serious eye irritation.		
H332	:	Harmful if inhaled.		
H334	:	May cause allergy or asthma symptoms or breathing difficul- ties if inhaled.		
H335	:	May cause respiratory irritation.		
H336	:	May cause drowsiness or dizziness.		
H360D	:	May damage the unborn child.		
H360Fd	:	May damage fertility. Suspected of damaging the unborn child.		
H361d		Suspected of damaging the unborn child.		
H372		Causes damage to organs through prolonged or repeated		
	•	exposure.		
H372	:	Causes damage to organs through prolonged or repeated		
1070	_	exposure if inhaled.		
H373	:	May cause damage to organs through prolonged or repeated exposure.		
H400	:	Very toxic to aquatic life.		
H411	:	Toxic to aquatic life with long lasting effects.		
H412	:	Harmful to aquatic life with long lasting effects.		
EUH071	:	Corrosive to the respiratory tract.		
Full text of other abbreviations				
Acute Tox.	:	Acute toxicity		
Aquatic Acute	:	Short-term (acute) aquatic hazard		
Aquatic Chronic	:	Long-term (chronic) aquatic hazard		
Asp. Tox.	:	Aspiration hazard		

Flammable liquids

Serious eye damage

Eye irritation

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Ski	or. sp. Sens. n Corr. n Irrit.	:	Reproductive toxicity Respiratory sensitisa Skin corrosion Skin irritation	
Skin Sens. STOT RE STOT SE 2004/37/EC			Skin sensitisation Specific target organ toxicity - repeated exposure Specific target organ toxicity - single exposure Europe. Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work	
2006/15/EC IE OEL		:	Europe. Indicative oc	cupational exposure limit values ical Agents and Occupational Exposure ule 1
2004/37/EC / TWA 2006/15/EC / TWA 2006/15/EC / STEL IE OEL / OELV - 8 hrs (TWA) IE OEL / OELV - 15 min (STEL)		:		ours

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - 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 - International 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; TECI -Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

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	er information	xture:	Classification procedure:
Flam.	Liq. 3	H226	Based on product data or assessment
Skin Irrit. 2		H315	Calculation method
Eye li	rrit. 2	H319	Calculation method
Skin S	Sens. 1	H317	Calculation method
Repr.	2	H361d	Calculation method
STOT RE 1		H372	Calculation method

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