

**Safety Data Sheet**

according to UK REACH Regulation

**Acryl-Dichtstoff weiß 300ml**

Revision date: 29.12.2021

Product code: ZKR16LO

Page 1 of 18

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Acryl-Dichtstoff weiß 300ml

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Sealant is used mainly for indoor and outdoor works in wall cracks and joints for sealing non-porous surfaces like concrete, plaster, cement, brick and wood materials before painting.

**Uses advised against**

Any non-intended use.

**1.3. Details of the supplier of the safety data sheet**

Company name:	Lorencic GmbH Nfg. & Co KG		
Street:	Puchstraße 208		
Place:	A-8055 Graz		
Telephone:	+43 (0) 316 / 47 25 64 32	Telefax:	+43 (0) 316 / 47 25 64 78
Responsible Department:	Dr. Gans-Eichler	e-mail:	info@tge-consult.de
	Chemieberatung GmbH	Tel.:	+49(0)2534 6441185
	Otto-Hahn-Str. 36		www.tge-consult.de
	D-48161 Münster		

**1.4. Emergency telephone number:**

Poison Control Centre Vienna: +43 (0) 1 406 43 43

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

Hazard categories:  
Reproductive toxicity: Lact.  
Hazardous to the aquatic environment: Aquatic Chronic 2  
Hazard Statements:  
May cause harm to breast-fed children.  
Toxic to aquatic life with long lasting effects.

**2.2. Label elements****GB CLP Regulation****Hazard components for labelling**

alkanes, C14-17, chloro; chlorinated paraffins, C14-17

**Pictograms:****Hazard statements**

H362 May cause harm to breast-fed children.  
H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P201 Obtain special instructions before use.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P263 Avoid contact during pregnancy and while nursing.  
P273 Avoid release to the environment.

**Safety Data Sheet**

according to UK REACH Regulation

**Acryl-Dichtstoff weiß 300ml**

Revision date: 29.12.2021

Product code: ZKR16LO

Page 2 of 18

P391 Collect spillage.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Special labelling of certain mixtures**

EUH208 Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

**2.3. Other hazards**

The mixture contains the following substances fulfilling the PBT criteria according to UK REACH: alkanes, C14-17, chloro; chlorinated paraffins, C14-17; ethanediol; ethylene glycol.

The mixture contains the following substances fulfilling the vPvB criteria according to UK REACH: alkanes, C14-17, chloro; chlorinated paraffins, C14-17.

**SECTION 3: Composition/information on ingredients**
**3.2. Mixtures**
**Hazardous components**

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	GHS Classification	
85535-85-9	alkanes, C14-17, chloro; chlorinated paraffins, C14-17	5 - 10 %
	287-477-0	
	602-095-00-X	
	01-2119519269-33	
	Lact., Aquatic Acute 1, Aquatic Chronic 1; H362 H400 H410 EUH066	
107-21-1	ethanediol; ethylene glycol	0,1 - < 1 %
	203-473-3	
	603-027-00-1	
	01-2119456816-28	
	Acute Tox. 4, STOT RE 2; H302 H373	
13463-67-7	titanium dioxide	0,1 - < 1 %
	236-675-5	
	022-006-00-2	
	01-2119489379-17	
	Carc. 2; H351	
55406-53-6	3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate	< 0.1 %
	259-627-5	
	616-212-00-7	
	01-2120762115-60	
	Acute Tox. 3, Acute Tox. 3, Eye Dam. 1, Skin Sens. 1, STOT RE 1, Aquatic Acute 1, Aquatic Chronic 1; H331 H301 H318 H317 H372 H400 H410	
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	< 0.1 %
	220-120-9	
	613-088-00-6	
	01-2120761540-60	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317 H400	
55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	< 0.1 %
	-	
	613-167-00-5	
	Acute Tox. 2, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1C, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H310 H301 H314 H318 H317 H400 H410 EUH071	

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
85535-85-9	287-477-0	alkanes, C14-17, chloro; chlorinated paraffins, C14-17	5 - 10 %
		inhalation: LC50 = > 48,17 mg/l (vapours); dermal: LD50 = > 2800 mg/kg; oral: LD50 = > 4000 mg/kg M acute; H400: M=1 M chron.; H410: M=1	

**Safety Data Sheet**

according to UK REACH Regulation

**Acryl-Dichtstoff weiß 300ml**

Revision date: 29.12.2021

Product code: ZKR16LO

Page 3 of 18

107-21-1	203-473-3	ethanediol; ethylene glycol	0,1 - < 1 %
		dermal: LD50 = >5000 mg/kg; oral: LD50 = 7712 mg/kg	
13463-67-7	236-675-5	titanium dioxide	0,1 - < 1 %
		inhalation: LC50 = [3.43 - 6.82] mg/l (dusts or mists); oral: LD50 = > 5000 mg/kg	
55406-53-6	259-627-5	3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate	< 0.1 %
		inhalation: ATE = 3 mg/l (vapours); inhalation: LC50 = 0,63 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = 1056 mg/kg M acute; H400: M=10 M chron.; H410: M=1	
2634-33-5	220-120-9	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	< 0.1 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = 670 mg/kg Skin Sens. 1; H317: >= 0,05 - 100 M acute; H400: M=10	
55965-84-9	-	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	< 0.1 %
		inhalation: ATE = 0,5 mg/l (vapours); inhalation: LC50 = 0,169-0,33 mg/l (dusts or mists); dermal: LD50 = 87,12 mg/kg; oral: LD50 = 53 mg/kg Skin Corr. 1C; H314: >= 0,6 - 100 Skin Irrit. 2; H315: >= 0,06 - < 0,6 Eye Dam. 1; H318: >= 0,6 - 100 Eye Irrit. 2; H319: >= 0,06 - < 0,6 Skin Sens. 1A; H317: >= 0,0015 - 100 M acute; H400: M=100 M chron.; H410: M=100	

**Further Information**

This substance has been listed as SVHC (substance of very high concern) in the Candidate List according to Article 59 of REACH.: alkanes, C14-17, chloro; chlorinated paraffins, C14-17

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**After inhalation**

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In all cases of doubt, or when symptoms persist, seek medical advice.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. In case of skin irritation, seek medical treatment.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

**After ingestion**

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

**4.2. Most important symptoms and effects, both acute and delayed**

No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Sand. Foam. Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. In case of major fire and large quantities: Water spray jet. Water mist.

## Safety Data Sheet

according to UK REACH Regulation

### Acryl-Dichtstoff weiß 300ml

Revision date: 29.12.2021

Product code: ZKR16LO

Page 4 of 18

#### Unsuitable extinguishing media

High power water jet

#### **5.2. Special hazards arising from the substance or mixture**

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO<sub>2</sub>) Gas/vapours, toxic.

#### **5.3. Advice for firefighters**

In case of fire and/or explosion do not breathe fumes. In case of fire: Wear self-contained breathing apparatus.

#### **Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Co-ordinate fire-fighting measures to the fire surroundings.

### SECTION 6: Accidental release measures

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

##### General advice

See protective measures under point 7 and 8.

##### For non-emergency personnel

Wear personal protection equipment (refer to section 8).

##### For emergency responders

No special measures are necessary.

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Eliminate leaks immediately. Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into soil/subsoil. If required, notify relevant authorities according to all applicable regulations.

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

##### For containment

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

##### For cleaning up

Clean contaminated objects and areas thoroughly observing environmental regulations.

#### **6.4. Reference to other sections**

Safe handling: see section 7

Disposal: see section 13

### SECTION 7: Handling and storage

#### **7.1. Precautions for safe handling**

##### Advice on safe handling

Wear suitable protective clothing. ( See section 8. )

##### Advice on protection against fire and explosion

Usual measures for fire prevention.

##### Advice on general occupational hygiene

Always close containers tightly after the removal of product. Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and after work. Remove contaminated clothing immediately and dispose off safely. Wash contaminated clothing prior to re-use.

##### Further information on handling

General protection and hygiene measures: See section 8.

#### **7.2. Conditions for safe storage, including any incompatibilities**

##### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Only use containers specifically approved for the substance/product.

Make sure spills can be contained (e.g. sump pallets or kerbed areas).

**Safety Data Sheet**

according to UK REACH Regulation

**Acryl-Dichtstoff weiß 300ml**

Revision date: 29.12.2021

Product code: ZKR16LO

Page 5 of 18

**Hints on joint storage**

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

**Further information on storage conditions**

Recommended storage temperature: 20°C

Protect against: frost. UV-radiation/sunlight. heat. Humidity

**7.3. Specific end use(s)**

See section 1.

**SECTION 8: Exposure controls/personal protection**
**8.1. Control parameters**
**Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
107-21-1	Ethane-1,2-diol, vapour	20	52		TWA (8 h)	WEL
		40	104		STEL (15 min)	WEL
13463-67-7	Titanium dioxide, respirable	-	4		TWA (8 h)	WEL

**DNEL/DMEL values**

CAS No	Substance	Exposure route	Effect	Value
85535-85-9	alkanes, C14-17, chloro; chlorinated paraffins, C14-17			
Worker DNEL, long-term		inhalation	systemic	6,7 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	47,9 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	2 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	28,75 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,58 mg/kg bw/day
107-21-1	ethanediol; ethylene glycol			
Worker DNEL, long-term		dermal	systemic	106 mg/kg bw/day
Worker DNEL, long-term		inhalation	local	35 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	53 mg/kg bw/day
Consumer DNEL, long-term		inhalation	local	7 mg/m <sup>3</sup>
55406-53-6	3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate			
Worker DNEL, long-term		inhalation	systemic	0,023 mg/m <sup>3</sup>
Worker DNEL, acute		inhalation	systemic	0,07 mg/m <sup>3</sup>
Worker DNEL, long-term		inhalation	local	1,16 mg/m <sup>3</sup>
Worker DNEL, acute		inhalation	local	1,16 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	2 mg/kg bw/day
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one			
Worker DNEL, long-term		inhalation	systemic	6,81 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	0,966 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	1,2 mg/m <sup>3</sup>

**Safety Data Sheet**

according to UK REACH Regulation

**Acryl-Dichtstoff weiß 300ml**

Revision date: 29.12.2021

Product code: ZKR16LO

Page 6 of 18

Consumer DNEL, long-term	dermal	systemic	0,345 mg/kg bw/day
--------------------------	--------	----------	-----------------------

**PNEC values**

CAS No	Substance	Value
Environmental compartment		
85535-85-9	alkanes, C14-17, chloro; chlorinated paraffins, C14-17	
Freshwater		0,001 mg/l
Marine water		0,0002 mg/l
Freshwater sediment		13 mg/kg
Marine sediment		2,6 mg/kg
Secondary poisoning		10 mg/kg
Micro-organisms in sewage treatment plants (STP)		80 mg/l
Soil		11,9 mg/kg
107-21-1	ethanediol; ethylene glycol	
Freshwater		10 mg/l
Freshwater (intermittent releases)		10 mg/l
Marine water		1 mg/l
Freshwater sediment		37 mg/kg
Marine sediment		3,7 mg/kg
Micro-organisms in sewage treatment plants (STP)		199,5 mg/l
Soil		1,53 mg/kg
55406-53-6	3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate	
Freshwater		0,001 mg/l
Freshwater (intermittent releases)		0,001 mg/l
Marine water		0 mg/l
Freshwater sediment		0,017 mg/kg
Marine sediment		0,002 mg/kg
Micro-organisms in sewage treatment plants (STP)		0,44 mg/l
Soil		0,005 mg/kg
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	
Freshwater		0,00403 mg/l
Freshwater (intermittent releases)		0,0011 mg/l
Freshwater sediment		0,0499 mg/kg
Marine sediment		0,00499 mg/kg
Micro-organisms in sewage treatment plants (STP)		1,03 mg/l
Soil		3 mg/kg

**8.2. Exposure controls**

**Appropriate engineering controls**

Technical measures and the application of suitable work processes have priority over personal protection equipment.

**Safety Data Sheet**

according to UK REACH Regulation

**Acryl-Dichtstoff weiß 300ml**

Revision date: 29.12.2021

Product code: ZKR16LO

Page 7 of 18

Provide adequate ventilation.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Wear safety glasses; chemical goggles (if splashing is possible). BS/EN 166

**Hand protection**

In case of prolonged or frequently repeated skin contact:

Wear suitable gloves.

Suitable material:

FKM (fluororubber). - Thickness of glove material: 0,4 mm

Breakthrough time  $\geq$  8 h

Butyl rubber. - Thickness of glove material: 0,5 mm

Breakthrough time  $\geq$  8 h

CR (polychloroprenes, Chloroprene rubber). - Thickness of glove material: 0,5 mm

Breakthrough time  $\geq$  8 h

NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm

Breakthrough time  $\geq$  8 h

PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm

Breakthrough time  $\geq$  8 h

The selected protective gloves have to satisfy the specifications of EU Directive EC/2016/425 and the standard EN 374 derived from it.

Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.

**Skin protection**

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500 (D).

**Respiratory protection**

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

-Exceeding exposure limit values

-Insufficient ventilation and aerosol or mist formation

Suitable respiratory protective equipment: particulates filter device (DIN EN 143). Type: P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

**Environmental exposure controls**

Do not allow to enter into surface water or drains.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	white
Odour:	characteristic

**Changes in the physical state**

Melting point/freezing point:	No information available.
Boiling point or initial boiling point and boiling range:	170 °C
Sublimation point:	No information available.
Softening point:	No information available.
Pour point:	No information available.
Flash point:	N/A

**Safety Data Sheet**

according to UK REACH Regulation

**Acryl-Dichtstoff weiß 300ml**

Revision date: 29.12.2021

Product code: ZKR16LO

Page 8 of 18

**Flammability**

Solid/liquid: No information available.  
Gas: No information available.

**Explosive properties**

none

Lower explosion limits: No information available.

Upper explosion limits: No information available.

Auto-ignition temperature: No information available.

**Self-ignition temperature**

Solid: No information available.

Gas: 400 °C

Decomposition temperature: No information available.

pH-Value (at 20 °C): 8 - 9,5

Viscosity / dynamic: No information available.

Viscosity / kinematic: No information available.

Flow time: No information available.

Water solubility: No information available.

**Solubility in other solvents**

No information available.

Partition coefficient n-octanol/water: SECTION 12: Ecological information

Vapour pressure: 9,44 hPa

(at 20 °C)

Vapour pressure: 49,9 hPa

(at 50 °C)

Density (at 20 °C): 1,768 g/cm<sup>3</sup>

Bulk density: No information available.

Relative vapour density: No information available.

**9.2. Other information****Information with regard to physical hazard classes**

Sustaining combustion: No data available

Oxidizing properties

none

**Other safety characteristics**

Solvent separation test: No information available.

Solvent content: No information available.

Solid content: No information available.

Evaporation rate: No information available.

**Further Information**

No information available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available.

**10.2. Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature.



## Safety Data Sheet

according to UK REACH Regulation

### Acryl-Dichtstoff weiß 300ml

Revision date: 29.12.2021

Product code: ZKR16LO

Page 9 of 18

#### 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.  
Refer to chapter 10.5.

#### 10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

#### 10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong. Strong acid strong alkalis

#### 10.6. Hazardous decomposition products

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO<sub>2</sub>) Gas/vapours, toxic.

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in GB CLP Regulation

##### Toxicokinetics, metabolism and distribution

No information available.

##### Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
85535-85-9	alkanes, C14-17, chloro; chlorinated paraffins, C14-17				
	oral	LD50 > 4000 mg/kg	Rat	Toxicol. Appl. Pharmacol. 54: 514-525 (1)	
	dermal	LD50 > 2800 mg/kg	Rat	ECHA Dossier	
	inhalation (1 h) vapour	LC50 > 48,17 mg/l	Rat	ECHA Dossier	
107-21-1	ethanediol; ethylene glycol				
	oral	LD50 7712 mg/kg	Rat.	ECHA Dossier	
	dermal	LD50 >5000 mg/kg	Rabbit	RTECS	
13463-67-7	titanium dioxide				
	oral	LD50 > 5000 mg/kg	Mouse	Toxicol. Letters 168, 176-185 (2007)	WoE
	inhalation (4 h) aerosol	LC50 [3.43 - 6.82] mg/l	Rat	ECHA Dossier	WoE
55406-53-6	3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate				
	oral	LD50 1056 mg/kg	Rat	ECHA Dossier	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rabbit	ECHA Dossier	EPA OPP 81-2
	inhalation vapour	ATE 3 mg/l			
	inhalation (4 h) aerosol	LC50 0,63 mg/l	Rat	ECHA Dossier	EPA OPP 81-3
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one				
	oral	LD50 670 mg/kg	Rat	ECHA Dossier	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rat	ECHA Dossier	OECD Guideline 402
55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)				

## Safety Data Sheet

according to UK REACH Regulation

### Acryl-Dichtstoff weiß 300ml

Revision date: 29.12.2021

Product code: ZKR16LO

Page 10 of 18

	oral	LD50	53 mg/kg	Rat.	RTECS	
	dermal	LD50 mg/kg	87,12	Rabbit	RAC Opinion	
	inhalation vapour	ATE	0,5 mg/l			
	inhalation (4 h) aerosol	LC50	0,169- 0,33 mg/l	Rat.	RAC Opinion	

#### Irritation and corrosivity

Based on available data, the classification criteria are not met.

#### Sensitising effects

Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

#### Carcinogenic/mutagenic/toxic effects for reproduction

May cause harm to breast-fed children. (alkanes, C14-17, chloro; chlorinated paraffins, C14-17)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

ethanediol; ethylene glycol:

In-vitro mutagenicity: Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay) ; Result: negative.

Literature information: ECHA Dossier; Carcinogenicity:; Method: oral. Species: Mouse. Exposure duration: 2

years. Result: NOAEL = 1500 mg/kg; Literature information: ECHA Dossier; Developmental

toxicity/teratogenicity: Method: -; Species: Mouse.; Exposure duration: 20 d. Result: NOAEC = 2500 mg/m<sup>3</sup>;

Literature information: ECHA Dossier

titanium dioxide:

In vivo mutagenicity/genotoxicity:

No experimental indications of in vivo mutagenicity exist.

Literature information: ECHA Dossier

Reproductive toxicity:

Method: OECD Guideline 443 (Extended One-Generation Reproductive Toxicity Study)

Species: Rat

Result: NOAEL(P0, P1) >= 1000 mg/kg; NOAEL(F1, F1) >= 1000 mg/kg

Literature information: ECHA Dossier

Developmental toxicity/teratogenicity:

Method: OECD Guideline 414 (Prenatal Developmental Toxicity Study)

Species: Rat

Results: NOAEL >= 1000 mg/kg (fetus)

Results: NOAEL >= 1000 mg/kg (Maternal toxicity )

Literature information: ECHA Dossier

Carcinogenicity:

Result / evaluation: negative.

Literature information: ECHA Dossier

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

ethanediol; ethylene glycol:

Subacute oral toxicity: Method: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study);

Species: Dog.; Exposure duration: 28 d. Results: NOAEL = 2200 mg/kg(bw)/day ; Literature information: ECHA

**Safety Data Sheet**

according to UK REACH Regulation

**Acryl-Dichtstoff weiß 300ml**

Revision date: 29.12.2021

Product code: ZKR16LO

Page 11 of 18

**Dossier**

titanium dioxide:

Subchronic inhalative toxicity:

Method: WoE

Exposure duration: 28d

Species: Rat

 Results: NOAEC >= 5.4 mg/m<sup>3</sup>

Literature information: Inhalation of high concentrations of low toxicity dusts in rats results in impaired pulmonary clearance mechanisms and persistent inflammation, Warheit, D.B. et al., 1997, Toxicology and Applied Pharmacology 145: 10 - 22.

Subchronic oral toxicity:

Method: WoE (OECD 408 )

Species: Rat

Exposure duration: 90d

Result: NOAEL &gt;= 1000 mg/kg

Literature information: ECHA Dossier

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Specific effects in experiment on an animal**

No information available.

**11.2. Information on other hazards**
**Endocrine disrupting properties**

No information available.

**SECTION 12: Ecological information**
**12.1. Toxicity**

The product has not been tested.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
85535-85-9	alkanes, C14-17, chloro; chlorinated paraffins, C14-17					
	Acute fish toxicity	LC50 mg/l	> 10000	96 h	Alburnus alburnus	ECHA Dossier OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l	> 3,2	96 h	Pseudokirchneriella subcapitata	ECHA Dossier OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l	0,008	48 h	Daphnia magna	ECHA Dossier OECD Guideline 202
	Fish toxicity	NOEC	5,6 mg/l	60 d	Oncorhynchus mykiss	ECHA Dossier OECD Guideline 204
	Crustacea toxicity	NOEC mg/l	0,01	21 d	Daphnia magna	ECHA Dossier OECD Guideline 202
107-21-1	ethanediol; ethylene glycol					
	Acute fish toxicity	LC50 mg/l	72860	96 h	Pimephales promelas	ECHA Dossier
	Acute crustacea toxicity	EC50 mg/l	>100	48 h	Daphnia magna	ECHA Dossier
	Acute bacteria toxicity	(>10000 mg/l)			Pseudomonas putida	ECHA Dossier
13463-67-7	titanium dioxide					
	Acute fish toxicity	LC50 mg/l	155 - 294	96 h	Fish	ECHA Dossier WoE
	Acute algae toxicity	ErC50	100 mg/l	72 h	Algae	ECHA Dossier WoE

**Safety Data Sheet**

according to UK REACH Regulation

**Acryl-Dichtstoff weiß 300ml**

Revision date: 29.12.2021

Product code: ZKR16LO

Page 12 of 18

	Acute crustacea toxicity	EC50 33.6 mg/l	19.3 -	48 h	Daphnia magna	ECHA Dossier	WoE
	Fish toxicity	NOEC mg/l	>= 80	6 d		ECHA Dossier	WoE
	Algae toxicity	NOEC mg/l	>= 1	32 d	Synedra ulna, Scenedesmus quadricauda, Stigeocloni	Environ. Tox. Chem. 31, 2414-2422 (2012)	WoE
	Crustacea toxicity	NOEC mg/l	1 - 10	21 d	Daphnia magna	ECHA Dossier	WoE
	Acute bacteria toxicity	(> 1000 mg/l)		3 h	activated sludge, domestic	ECHA Dossier	WoE
55406-53-6	3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate						
	Acute algae toxicity	ErC50 mg/l	0,022	72 h	Desmodesmus subspicatus	ECHA Dossier	OECD Guideline 201
	Crustacea toxicity	NOEC mg/l	0,0499	21 d	Daphnia magna	ECHA Dossier	EPA OPP 72-4
	Acute bacteria toxicity	(44 mg/l)		3 h	activated sludge, domestic	ECHA Dossier	EU Method C.11
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one						
	Acute fish toxicity	LC50 mg/l	2,18	96 h	Oncorhynchus mykiss	ECHA Dossier	OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l	0,15	72 h	Pseudokirchneriella subcapitata	ECHA Dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l	2,94	48 h	Daphnia magna	ECHA Dossier	OECD Guideline 202
	Acute bacteria toxicity	(13 mg/l)		3 h	activated sludge of a predominantly domestic sewage	ECHA Dossier	OECD Guideline 209
55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)						
	Acute fish toxicity	LC50 mg/l	0,19	96 h	Oncorhynchus mykiss	RAC opinion	US EPA FIFRA 72-1
	Acute algae toxicity	ErC50 mg/l	0,0052		48h, Skeletonema costatum	RAC opinion	OECD 201
	Acute crustacea toxicity	EC50	0,1 mg/l	48 h	Daphnia magna	RAC opinion	OECD 202
	Fish toxicity	NOEC mg/l	0,098	21 d	Oncorhynchus mykis-	RAC opinion	OECD 215
	Algae toxicity	NOEC mg/l	0,00064	2 d	Skeletonema costatum	RAC opinion	OECD 201
	Crustacea toxicity	NOEC mg/l	0.0036	21 d	Daphnia magna	RAC opinion	OECD Guideline 202

**12.2. Persistence and degradability**

The product has not been tested.

## Safety Data Sheet

according to UK REACH Regulation

### Acryl-Dichtstoff weiß 300ml

Revision date: 29.12.2021

Product code: ZKR16LO

Page 13 of 18

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
85535-85-9	alkanes, C14-17, chloro; chlorinated paraffins, C14-17			
	OECD Guideline 301 D	5%	28	ECHA Dossier
	Not easily bio-degradable (according to OECD-criteria).			
107-21-1	ethanediol; ethylene glycol			
	OECD 301A / ISO 7827 / EEC 92/69 annex V, C.4-A	100%	28	ECHA Dossier
	Easily biodegradable (concerning to the criteria of the OECD)			
55406-53-6	3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate			
	OECD Guideline 301 B	5%	28	ECHA Dossier
	Not easily bio-degradable (according to OECD-criteria).			
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one			
	OECD Guideline 301 C	62	4	ECHA Dossier
	Easily biodegradable (concerning to the criteria of the OECD)			

#### 12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
85535-85-9	alkanes, C14-17, chloro; chlorinated paraffins, C14-17	>= 4,7
107-21-1	ethanediol; ethylene glycol	-1,36
55406-53-6	3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate	2,81
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	0,63
55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	-0,71 - 0,75 (OECD107)

#### BCF

CAS No	Chemical name	BCF	Species	Source
85535-85-9	alkanes, C14-17, chloro; chlorinated paraffins, C14-17	1087	Oncorhynchus mykiss	ECHA Dossier
13463-67-7	titanium dioxide	333	Lumbriculus variegatus	REACH Registration D
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	ca. 6,62	Lepomis macrochirus	ECHA Dossier
55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	3,6	calc.	

#### 12.4. Mobility in soil

No information available.

#### 12.5. Results of PBT and vPvB assessment

The mixture contains the following substances fulfilling the PBT criteria according to UK REACH: alkanes, C14-17, chloro; chlorinated paraffins, C14-17; ethanediol; ethylene glycol.

The mixture contains the following substances fulfilling the vPvB criteria according to UK REACH: alkanes, C14-17, chloro; chlorinated paraffins, C14-17.

#### 12.6. Endocrine disrupting properties

No information available.

#### 12.7. Other adverse effects

No information available.

### SECTION 13: Disposal considerations

**Safety Data Sheet**

according to UK REACH Regulation

**Acryl-Dichtstoff weiß 300ml**

Revision date: 29.12.2021

Product code: ZKR16LO

Page 14 of 18

**13.1. Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable legislation. Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Control report for waste code/ waste marking according to (EWC) European Waste Catalogue:

**List of Wastes Code - residues/unused products**

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

**List of Wastes Code - used product**

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste


**List of Wastes Code - contaminated packaging**

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

**Contaminated packaging**

Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information****Land transport (ADR/RID)**

<b>14.1. UN number or ID number:</b>	UN 3082
<b>14.2. UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alkanes, C14-17, chloro; chlorinated paraffins, C14-17)
<b>14.3. Transport hazard class(es):</b>	9
<b>14.4. Packing group:</b>	III
Hazard label:	9 
Classification code:	M6
Special Provisions:	274 335 375 601
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Hazard No:	90
Tunnel restriction code:	-

**Inland waterways transport (ADN)**

<b>14.1. UN number or ID number:</b>	UN 3082
<b>14.2. UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alkanes, C14-17, chloro; chlorinated paraffins, C14-17)
<b>14.3. Transport hazard class(es):</b>	9
<b>14.4. Packing group:</b>	III

**Safety Data Sheet**

according to UK REACH Regulation

**Acryl-Dichtstoff weiß 300ml**

Revision date: 29.12.2021

Product code: ZKR16LO

Page 15 of 18

Hazard label:

9



Classification code:

M6

Special Provisions:

274 335 375 601

Limited quantity:

5 L

Excepted quantity:

E1

**Marine transport (IMDG)****14.1. UN number or ID number:**

UN 3082

**14.2. UN proper shipping name:**ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(alkanes, C14-17, chloro; chlorinated paraffins, C14-17)**14.3. Transport hazard class(es):**

9

**14.4. Packing group:**

III

Hazard label:

9



Marine pollutant:

YES

Special Provisions:

274, 335, 969

Limited quantity:

5 L

Excepted quantity:

E1

EmS:

F-A, S-F

**Air transport (ICAO-TI/IATA-DGR)****14.1. UN number or ID number:**

UN 3082

**14.2. UN proper shipping name:**ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(alkanes, C14-17, chloro; chlorinated paraffins, C14-17)**14.3. Transport hazard class(es):**

9

**14.4. Packing group:**

III

Hazard label:

9



Special Provisions:

A97 A158 A197

Limited quantity Passenger:

30 kg G

Passenger LQ:

Y964

Excepted quantity:

E1

IATA-packing instructions - Passenger:

964

IATA-max. quantity - Passenger:

450 L

IATA-packing instructions - Cargo:

964

IATA-max. quantity - Cargo:

450 L

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS:

Yes



Danger releasing substance:

alkanes, C14-17, chloro; chlorinated paraffins, C14-17

**14.6. Special precautions for user**

Refer to section 6-8

**Safety Data Sheet**

according to UK REACH Regulation

**Acryl-Dichtstoff weiß 300ml**

Revision date: 29.12.2021

Product code: ZKR16LO

Page 16 of 18

**14.7. Maritime transport in bulk according to IMO instruments**

not relevant

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Authorisations (REACH, annex XIV):

Substances of very high concern, SVHC (REACH, article 59):  
alkanes, C14-17, chloro; chlorinated paraffins, C14-17

Restrictions on use (REACH, annex XVII):

Entry 3

2010/75/EU (VOC): 0 %

2004/42/EC (VOC): 0 g/l

Information according to 2012/18/EU (SEVESO III): E2 Hazardous to the Aquatic Environment

**Additional information**

Safety Data Sheet according to UK-REACH Regulation

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

UK REACH Appendix XVII, No (mixture): 3

**National regulatory information**

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe employment restrictions for women of child-bearing age.

Water hazard class (D):

2 - obviously hazardous to water

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Changes**

Rev. 1,0 Initial release 03.06.2014

Rev. 2,0 Initial release 25.05.2018

Rev. 3,0 29.12.2021 Changes in chapter: 1,2,3,6,7,8,9,11,12,15,16

**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

CAS: Chemical Abstracts Service

CLP: Classification, Labelling and Packaging of substances and mixtures

DNEL: Derived No Effect Level

d: day(s)

EINECS: European Inventory of Existing Commercial chemical Substances

ELINCS: European List of Notified Chemical Substances

ECHA: European Chemicals Agency

EWC: European Waste Catalogue

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization



## Safety Data Sheet

according to UK REACH Regulation

### Acryl-Dichtstoff weiß 300ml

Revision date: 29.12.2021

Product code: ZKR16LO

Page 17 of 18

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
 GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)  
 h: hour  
 LOAEL: Lowest observed adverse effect level  
 LOAEC: Lowest observed adverse effect concentration  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 NOAEL: No observed adverse effect level  
 NOAEC: No observed adverse effect concentration  
 NLP: No-Longer Polymers  
 N/A: not applicable  
 OECD: Organisation for Economic Co-operation and Development  
 PNEC: predicted no effect concentration  
 PBT: Persistent bioaccumulative toxic  
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail )  
 REACH: Registration, Evaluation, Authorisation of Chemicals  
 SVHC: substance of very high concern  
 TRGS: Technische Regeln für Gefahrstoffe  
 UN: United Nations  
 VOC: Volatile Organic Compounds

#### Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Lact.; H362	Calculation method
Aquatic Chronic 2; H411	Calculation method

#### Relevant H and EUH statements (number and full text)

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H351	Suspected of causing cancer.
H362	May cause harm to breast-fed children.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs (kidneys) through prolonged or repeated exposure if swallowed.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH071	Corrosive to the respiratory tract.
EUH208	Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one, reaction mass of 5 -chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

#### Further Information

Classification according to Regulation (EC) No 1272/2008 [CLP] - Classification procedure:  
 Health hazards: Calculation method.  
 Environmental hazards: Calculation method.  
 Physical hazards: On basis of test data and / or calculated and / or estimated.

**Safety Data Sheet**

according to UK REACH Regulation

**Acryl-Dichtstoff weiß 300ml**

Revision date: 29.12.2021

Product code: ZKR16LO

Page 18 of 18

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*