

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008



Revision date: 12-May-2022

Revision Number: 1

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

### 1.1. Product identifier

**Product Name:** Conti Tekton 88 Deck  
**Article number:** 031170360514  
**UFI:** nicht erforderlich

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

**Product categories [PC]:** PC9 - Coatings and paints, fillers, putties, thinners  
**Sector of uses [SU]:** SU19 - Building and construction work

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

**Supplier:** conti coatings GmbH & Co. KG  
Feldstrasse 55  
D - 46149 Oberhausen  
Telefon: +49 208/ 9948-0  
Telefax: +49 208/ 650625  
www.conticoatings.com

**E-mail address** sds.ob@conticoatings.com

### 1.4. Emergency telephone number

**Emergency Telephone:** +49 177 / 214 4737 (24 h)

<b>Emergency Telephone - §45 - (EC)1272/2008</b>	
<b>Europe</b>	112
<b>Austria</b>	+43 1 406 43 43 (Giftinformationszentrale)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

<b>Chronic aquatic toxicity</b>	Category 3 - (H412)
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### 2.2. Label elements

#### Hazard statements:

H412 - Harmful to aquatic life with long lasting effects.

#### EU Specific Hazard Statements:

EUH066 - Repeated exposure may cause skin dryness or cracking.

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

EUH208 - Contains 3-Iodo-2-propynyl butylcarbamate, Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) May produce an allergic reaction.

#### Precautionary Statements - EU (§28, 1272/2008):

P273 - Avoid release to the environment

P501 - Dispose of contents/ container to an approved waste disposal plant

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## 2.3. Other hazards

Harmful to aquatic life.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical name	CAS No	EC No	REACH registration number	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Weight-%
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics	-	918-481-9	01-2119457273-39	Asp. Tox. 1 (H304) (EUH066)	25 - < 50
Titanium dioxide	13463-67-7	236-675-5	01-2119489379-17		10 - < 25
Silica, amorphous, precipitated and gel	112926-00-8	231-545-4 601-214-2	01-2119379499-16		3 - < 5
Methyl 5-(dimethylamino)-2-methyl-5-oxopentanoate	1174627-68-9	700-204-6	01-2119497421-36	Eye Irrit. 2 (H319)	1 - < 3
Hexanoic acid, 2-ethyl-, zirconium salt (1:?)	22464-99-9	245-018-1	01-2119979088-21	Repr. 2 (H361d)	0.25 - < 0.5
Hexanoic acid, 2-ethyl-, barium salt (2:1)	2457-01-4	219-535-8	01-2119983179-22	Acute Tox. 4 (H302) Eye Dam. 1 (H318) Acute Tox. 4 (H332) Repr. 2 (H361d)	0.1 - < 0.25
3-Iodo-2-propynyl butylcarbamate	55406-53-6	259-627-5	01-2120762115-60	Acute Tox. 4 (H302) Skin Sens. 1 (H317) Eye Dam. 1 (H318) Acute Tox. 3 (H331) STOT RE 1 (H372) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	0.1 - < 0.25
Dipropylene glycol monomethyl ether	34590-94-8	252-104-2	01-2119450011-60	[B]	0.01 - < 0.05

[B] - Substance with a Community workplace exposure limit

Chemical name	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	Notes
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4				A,1
3-Iodo-2-propynyl butylcarbamate 55406-53-6		10	1	

#### Acute Toxicity Estimate:

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value

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from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapor - mg/L	Inhalation LC50 - 4 hour - gas - ppm
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	No data available	5005	8.5	No data available	No data available
Titanium dioxide 13463-67-7	10010	No data available	7	No data available	No data available
Methyl 5-(dimethylamino)-2-methyl-5-oxopentanoate 1174627-68-9	2002	2002	No data available	No data available	No data available
Hexanoic acid, 2-ethyl-, zirconium salt (1:?) 22464-99-9	2043	2002	6	No data available	No data available
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4	500	2002	11	11	No data available
3-Iodo-2-propynyl butylcarbamate 55406-53-6	1470	2002	0.67	3	No data available
Dipropylene glycol monomethyl ether 34590-94-8	5350	9500	21	No data available	No data available

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

**Full text of H- and EUH-phrases: see section 16**

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation:	Remove to fresh air.
Eye contact:	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact:	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
Ingestion:	Rinse mouth.

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

Symptoms: No information available.

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

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Note to physicians: Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Large Fire: CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media: Do not scatter spilled material with high pressure water streams.

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

Specific hazards arising from the chemical: No information available.

### 5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## SECTION 6: Accidental release measures

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

Personal precautions: Ensure adequate ventilation.

For emergency responders: Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

Environmental precautions: See Section 12 for additional Ecological Information.

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

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards: Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4. Reference to other sections

Reference to other sections: See section 8 for more information. See section 13 for more information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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Advice on safe handling: Ensure adequate ventilation.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.

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

Storage Conditions: Keep container tightly closed in a dry and well-ventilated place.

## 7.3. Specific end use(s)

Other information: No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Exposure Limits:

Chemical name	European Union	Germany	Netherlands	Spain	United Kingdom	Hungary
Titanium dioxide 13463-67-7		TWA: 1.25 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>	
Hexanoic acid, 2-ethyl-, zirconium salt (1:?) 22464-99-9				TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>
3-Iodo-2-propynyl butylcarbamate 55406-53-6		TWA: 0.005 ppm TWA: 0.058 mg/m <sup>3</sup> Sh+				
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> *	TWA: 50 ppm TWA: 310 mg/m <sup>3</sup>	TWA: 300 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> vía dérmica*	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> STEL: 150 ppm STEL: 924 mg/m <sup>3</sup> Sk*	TWA: 308 mg/m <sup>3</sup>

Chemical name	France	Italy	Portugal	Finland	Denmark	Czech Republic
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup>		TWA: 6 mg/m <sup>3</sup>	
Silica, amorphous, precipitated and gel 112926-00-8				TWA: 5 mg/m <sup>3</sup>		
Hexanoic acid, 2-ethyl-, zirconium salt (1:?) 22464-99-9			TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> *	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> cute*	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> STEL: 150 ppm Cutânea*	TWA: 50 ppm TWA: 310 mg/m <sup>3</sup> iho*	TWA: 50 ppm TWA: 309 mg/m <sup>3</sup> H*	TWA: 270 mg/m <sup>3</sup> Ceiling: 550 mg/m <sup>3</sup> D*

Chemical name	Austria	Switzerland	Poland	Norway	Ireland	Russia
Titanium dioxide	TWA: 5 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup>	STEL: 30 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>

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Chemical name	Austria	Switzerland	Poland	Norway	Ireland	Russia
13463-67-7	STEL 10 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup>	STEL: 10 mg/m <sup>3</sup>	TWA: 4 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>	
Silica, amorphous, precipitated and gel 112926-00-8	TWA: 4 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>			
Hexanoic acid, 2-ethyl-, zirconium salt (1:?) 22464-99-9	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	STEL: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4				TWA: 0.5 mg/m <sup>3</sup> STEL: 1.5 mg/m <sup>3</sup>		
3-Iodo-2-propynyl butylcarbamate 55406-53-6		S+ TWA: 0.01 ppm TWA: 0.12 mg/m <sup>3</sup> STEL: 0.02 ppm STEL: 0.24 mg/m <sup>3</sup>				
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 307 mg/m <sup>3</sup> STEL 100 ppm STEL 614 mg/m <sup>3</sup> H*	TWA: 50 ppm TWA: 300 mg/m <sup>3</sup> STEL: 50 ppm STEL: 300 mg/m <sup>3</sup>	STEL: 480 mg/m <sup>3</sup> TWA: 240 mg/m <sup>3</sup> skóra*	TWA: 50 ppm TWA: 300 mg/m <sup>3</sup> STEL: 75 ppm STEL: 375 mg/m <sup>3</sup> H*	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> STEL: 150 ppm STEL: 924 mg/m <sup>3</sup> Sk*	

Biological occupational exposure limits:

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

Derived No Effect Level (DNEL):

component information:

Worker - inhalative:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Hexanoic acid, 2-ethyl-, zirconium salt (1:?)	5 mg/m <sup>3</sup> 32 mg/m <sup>3</sup> 32.97 mg/m <sup>3</sup>			
Hexanoic acid, 2-ethyl-, barium salt (2:1)	8.8 mg/m <sup>3</sup> 20.49 mg/m <sup>3</sup> 32 mg/m <sup>3</sup>			
3-Iodo-2-propynyl butylcarbamate	0.023 mg/m <sup>3</sup>	0.07 mg/m <sup>3</sup>	1.16 mg/m <sup>3</sup>	1.16 mg/m <sup>3</sup>
Dipropylene glycol monomethyl ether	308 mg/m <sup>3</sup>			

Worker - dermal:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Hexanoic acid, 2-ethyl-, zirconium salt (1:?)	6.49 mg/kg bw/day 12 mg/kg bw/day 15.75 mg/kg bw/day			
Hexanoic acid, 2-ethyl-, barium salt (2:1)	7.25 mg/kg bw/day 12 mg/kg bw/day 43.2 mg/kg bw/day			
3-Iodo-2-propynyl butylcarbamate	2 mg/kg bw/day			
Dipropylene glycol	283 mg/kg bw/day			

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Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
monomethyl ether				

Consumer - inhalative:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Hexanoic acid, 2-ethyl-, zirconium salt (1:?)	2.5 mg/m <sup>3</sup> 8 mg/m <sup>3</sup> 8.13 mg/m <sup>3</sup>			
Hexanoic acid, 2-ethyl-, barium salt (2:1)	2.6 mg/m <sup>3</sup> 6.06 mg/m <sup>3</sup> 8 mg/m <sup>3</sup>			
Dipropylene glycol monomethyl ether	37.2 mg/m <sup>3</sup>			

Consumer - dermal:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Hexanoic acid, 2-ethyl-, zirconium salt (1:?)	3.25 mg/kg bw/day 6 mg/kg bw/day 7.9 mg/kg bw/day			
Hexanoic acid, 2-ethyl-, barium salt (2:1)	3.62 mg/kg bw/day 6 mg/kg bw/day			
Dipropylene glycol monomethyl ether	121 mg/kg bw/day			

consumer - oral:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Hexanoic acid, 2-ethyl-, zirconium salt (1:?)	2.5 mg/kg bw/day 4.51 mg/kg bw/day 7.9 mg/kg bw/day			
Hexanoic acid, 2-ethyl-, barium salt (2:1)	2.5 mg/kg bw/day 3.62 mg/kg bw/day 3.7 mg/kg bw/day			
Dipropylene glycol monomethyl ether	36 mg/kg bw/day			

Predicted No Effect Concentration (PNEC):

component information:

<b>Chemical name</b>	<b>Methyl 5-(dimethylamino)-2-methyl-5-oxopentanoate</b> <b>CAS: 1174627-68-9</b>
Soil	2.65 mg/kg soil dw
<b>Chemical name</b>	<b>Hexanoic acid, 2-ethyl-, zirconium salt (1:?)</b> <b>CAS: 22464-99-9</b>
Freshwater	0.36 mg/L
Marine water	0.036 mg/L
Freshwater (intermittent release)	0.493 mg/L
Sewage treatment	71.7 mg/L
Freshwater sediment	6.37 mg/kg sediment dw

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Marine sediment	0.637 mg/kg sediment dw
Soil	1.06 mg/kg soil dw
<b>Chemical name</b>	<b>Hexanoic acid, 2-ethyl-, barium salt (2:1)</b> <b>CAS: 2457-01-4</b>
Freshwater	227.8 µg/L 0.36 mg/L
Marine water	0.036 mg/L
Freshwater (intermittent release)	0.493 mg/L
Sewage treatment	50.1 mg/L 71.7 mg/L
Freshwater sediment	6.37 mg/kg sediment dw 792.7 mg/kg sediment dw
Marine sediment	0.637 mg/kg sediment dw
Soil	1.06 mg/kg soil dw 207.7 mg/kg soil dw
<b>Chemical name</b>	<b>Dipropylene glycol monomethyl ether</b> <b>CAS: 34590-94-8</b>
Freshwater	19 mg/L
Marine water	1.9 mg/L
Freshwater (intermittent release)	190 mg/L
Sewage treatment	4168 mg/L
Freshwater sediment	70.2 mg/kg sediment dw
Marine sediment	7.02 mg/kg sediment dw
Soil	2.74 mg/kg soil dw

## 8.2. Exposure controls

Engineering controls: None under normal use conditions.

Personal protective equipment: The usual precautionary measures for the handling of chemicals have to be observed.



Eye/face protection: No special protective equipment required.

PPE - Glove material	Glove thickness	Break through time
NBR (Nitrile rubber)	0.4 mm	>=480 min.

Skin and body protection: No special protective equipment required.

Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Recommended Filter Type: Filtering device (full mask or mouthpiec) with filter: AP-2

Environmental exposure controls: No information available.

## SECTION 9: Physical and chemical properties

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



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<b>Appearance</b>	Liquid				
<b>Color</b>	white				
<b>Odor</b>	characteristic				
				<i>Conditions</i>	<i>Method</i>
<b>Melting point / melting range</b>					<i>Remarks</i>
<b>Boiling point / boiling range</b>	>	100	°C		Not established
<b>Flammability</b>					Not established
<b>Decomposition temperature</b>					not relevant
<b>Flash point</b>	>	62	°C		
<b>Autoignition temperature</b>					None known
<b>Lower explosive limit</b>					not relevant
<b>Upper explosion limit</b>					not relevant
<b>Vapor pressure</b>	>	1100	hPa	50 °C	
<b>Density</b>	~	1.118	g/cm <sup>3</sup>	20 °C	
<b>Water solubility</b>					Immiscible
<b>pH</b>					Not applicable
<b>pH (as aqueous solution)</b>					Not applicable
<b>Partition coefficient</b>					Not established
<b>Kinematic viscosity</b>					Not applicable
<b>Odor threshold</b>					Not established
<b>Relative density</b>					Not established
<b>Evaporation rate</b>					Not established
<b>Relative vapor density</b>		no data available			
<b>Particle Size</b>		no data available			
<b>Particle Size Distribution</b>		no data available			

## 9.2. Other information

<b>Bulk density:</b>	no data available
<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available

### 9.2.1. Information with regard to physical hazard classes:

Explosive properties	Not an explosive
Oxidizing properties	Not oxidising.

9.2.2. Other safety characteristics: No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity: No information available.

### 10.2. Chemical stability

Stability: Stable under normal conditions.

Explosion data:

Sensitivity to mechanical impact:	None.
Sensitivity to static discharge:	None.

### 10.3. Possibility of hazardous reactions

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Possibility of hazardous reactions: None under normal processing.

## 10.4. Conditions to avoid

Conditions to avoid: None known based on information supplied.

## 10.5. Incompatible materials

Incompatible materials: None known based on information supplied.

## 10.6. Hazardous decomposition products

Hazardous decomposition products: None known based on information supplied.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Information on likely routes of exposure:

Product Information: The product has not been tested

Inhalation: Specific test data for the substance or mixture is not available.

Eye contact: Specific test data for the substance or mixture is not available.

Skin contact: Specific test data for the substance or mixture is not available.

Ingestion: Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics:

Symptoms: No information available.

Numerical measures of toxicity:

Acute toxicity: The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (inhalation-dust/mist): 20.70 mg/l  
ATEmix (inhalation-vapor): 1,250.00 mg/l

Component Information:

Chemical name	Parameter	Species	effective Dosis	Method
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics	Oral LD50	Rat	> 5000 mg/kg	
Titanium dioxide 13463-67-7	Oral LD50	Rat	> 10000 mg/kg	
Methyl 5-(dimethylamino)-2-methyl-5-oxopen tanoate 1174627-68-9	Oral LD50	Rat	> 2000 mg/kg	
Hexanoic acid, 2-ethyl-, zirconium	Oral LD50	Rat	2043 mg/kg	

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Chemical name	Parameter	Species	effektive Dosis	Method
salt (1:?) 22464-99-9				
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4	Oral LD50	Rat	500 mg/kg	
3-Iodo-2-propynyl butylcarbamate 55406-53-6	Oral LD50	Rat	1470 mg/kg	
Dipropylene glycol monomethyl ether 34590-94-8	Oral LD50	Rat	5.35 g/kg	

Chemical name	Parameters	Species	Effective dose	Method
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	Dermal LD50	Rabbit	> 5000 mg/kg	
Methyl 5-(dimethylamino)-2-methyl-5-oxopen tanoate 1174627-68-9	Dermal LD50	Rat	> 2000 mg/kg	
Hexanoic acid, 2-ethyl-, zirconium salt (1:?) 22464-99-9	Dermal LD50	Rabbit	> 2000 mg/kg	
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4	Dermal LD50	Rabbit	> 2000 mg/kg	
3-Iodo-2-propynyl butylcarbamate 55406-53-6	Dermal LD50	Rat	> 2000 mg/kg	
Dipropylene glycol monomethyl ether 34590-94-8	Dermal LD50	Rabbit	9500 mg/kg	

Chemical name	Parameters	Species	Effective dose	Exposure time	Method
Titanium dioxide 13463-67-7	Inhalation LD50	Rat	> 6.82 mg/L	4 h	
Hexanoic acid, 2-ethyl-, zirconium salt (1:?) 22464-99-9	Inhalation LC50	Rat	> 5 mg/L	4 h	
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4	Inhalation LC50	Rat	11 mg/L	4 h	
3-Iodo-2-propynyl butylcarbamate 55406-53-6	Inhalation LC50	Rat	0.67 mg/L	4 h	
Dipropylene glycol monomethyl ether 34590-94-8	Inhalation LC50	Rat	21 mg/L		

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Skin corrosion/irritation:	No information available.
Serious eye damage/eye irritation:	No information available.
Respiratory or skin sensitization:	No information available.

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Germ cell mutagenicity: No information available.

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

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	European Union
Titanium dioxide	Carc. 2

Reproductive toxicity: No information available.

STOT - single exposure: No information available.

STOT - repeated exposure: No information available.

Chemical name	Exposure route	Target Organs
3-Iodo-2-propynyl butylcarbamate 55406-53-6	Inhalation	Larynx

Aspiration hazard: No information available.

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

No information available.

### 11.2.2. Other information

No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity: Harmful to aquatic life with long lasting effects.

fish toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	LL0	Oncorhynchus mykiss	1000 mg/L	96 h	
Methyl 5-(dimethylamino)-2-methyl-5- oxopentanoate 1174627-68-9	LC50	Danio rerio	> 100 mg/L	96 h static	
3-Iodo-2-propynyl butylcarbamate 55406-53-6	LC50	Oncorhynchus mykiss	0.05 - 0.089 mg/L	96 h	
Dipropylene glycol monomethyl ether 34590-94-8	LC50	Pimephales promelas	> 10000 mg/L	96 h	

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toxicity to crustacea:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	EL0	Daphnia magna	1000 mg/L	48 h	
Dipropylene glycol monomethyl ether 34590-94-8	LC50	Daphnia magna	1919 mg/L	48 h	

Algae Toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	EL0	Pseudokirchneriella subcapitata	1000 mg/L	72 h	

## 12.2. Persistence and degradability

Persistence and degradability:

Chemical name	degradation rate	test duration	Rapidly biodegradable	Remarks	Method
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	80 %	28 d	Yes		
Titanium dioxide 13463-67-7	0 %		No		
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4	100 %		Yes		
Dipropylene glycol monomethyl ether 34590-94-8	75 %	28 d	Yes		OECD 301F

## 12.3. Bioaccumulative potential

Bioaccumulation:

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	3	
3-Iodo-2-propynyl butylcarbamate 55406-53-6	2.81	
Dipropylene glycol monomethyl ether 34590-94-8	-0.064	

## 12.4. Mobility in soil

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Mobility in soil: No information available.

Mobility: No information available.

## 12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment:

Chemical name	PBT and vPvB assessment
Titanium dioxide 13463-67-7	The substance is not PBT / vPvB
Methyl 5-(dimethylamino)-2-methyl-5-oxopentanoate 1174627-68-9	The substance is not PBT / vPvB
Hexanoic acid, 2-ethyl-, zirconium salt (1:?) 22464-99-9	The substance is not PBT / vPvB PBT assessment does not apply
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4	PBT assessment does not apply
3-Iodo-2-propynyl butylcarbamate 55406-53-6	The substance is not PBT / vPvB PBT assessment does not apply
Dipropylene glycol monomethyl ether 34590-94-8	The substance is not PBT / vPvB

## 12.6. Endocrine disrupting properties.

No information available.

## 12.7. Other adverse effects.

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste from residues/unused products: Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging: Do not reuse empty containers.

Waste codes / waste designations according to EWC / AVV: 08 01 11\* (Waste paint and varnish containing organic solvents or other dangerous substances)

## SECTION 14: Transport information

### 14.1. UN number

ADR: Not regulated  
RID: Not regulated  
IMDG: Not regulated  
IATA: Not regulated

### 14.2 UN proper shipping name

ADR: Not regulated

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RID: Not regulated  
IMDG: Not regulated  
IATA: Not regulated

## 14.3. Transport hazard class(es)

ADR: Not regulated  
RID: Not regulated  
IMDG: Not regulated  
IATA: Not regulated

## 14.4. Packing group

ADR: Not regulated  
RID: Not regulated  
IMDG: Not regulated  
IATA: Not regulated

## 14.5. Environmental hazards

ADR: Not regulated  
RID: Not regulated  
IMDG: Not regulated  
IATA: Not regulated

## 14.6. Special precautions for user

ADR: Not regulated  
Special Provisions: None  
RID: Not regulated  
Special Provisions: None  
IMDG: Not regulated  
Special Provisions: None  
IATA: Not regulated  
Special Provisions: None

## 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

No information available

## SECTION 15: Regulatory information

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

#### European Union:

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

- This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Substance subject to authorization	Restricted substance per REACH
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	per REACH Annex XIV	Annex XVII
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics		28. 29.
Titanium dioxide 13463-67-7		75.
3-Iodo-2-propynyl butylcarbamate 55406-53-6		75.

Persistent Organic Pollutants: Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009: Not applicable

Biocidal Products Regulation (EU) No 528/2012 (BPR):

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
Silica, amorphous, precipitated and gel 112926-00-8	18 - Insecticides, acaricides and products to control other arthropods
3-Iodo-2-propynyl butylcarbamate 55406-53-6	Product type 8 (details in Commission Implementing Decision 2017/2334/EU) 6 - Preservatives for products during storage 13 - Working or cutting fluid preservatives

volatile organic compounds (VOC) content:  
acc. reg. 2010/75/EG: 34.1 %  
acc. reg. 2004/42/EG (Decopaint): 381 g/L

## National regulations:

Denmark:

Chemical name	Denmark - MAL
Titanium dioxide 13463-67-7	0 m3/10 g substance MAL factor >=0.1 - 5 % by weight [3] >=5 % by weight [6] >0 % by weight [1]
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4	0 m3/10 g substance MAL factor >=2.0 % by weight [2]
3-Iodo-2-propynyl butylcarbamate 55406-53-6	0 m3/10 g substance MAL factor >=1.0 % by weight [3]
Dipropylene glycol monomethyl ether 34590-94-8	5 m3/10 g substance MAL factor >0 % by weight [1]

Germany:

Water hazard class (WGK): obviously hazardous to water (WGK 2) - Classification according to AwSV

Chemical name	WGK Classification (AwSV)	ID number
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics	1	-
Titanium dioxide 13463-67-7	nwg	1345
Silica, amorphous, precipitated and gel 112926-00-8	0	849



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Methyl 5-(dimethylamino)-2-methyl-5-oxopentanoate 1174627-68-9	1	8555
Hexanoic acid, 2-ethyl-, zirconium salt (1:?) 22464-99-9	1	-
Hexanoic acid, 2-ethyl-, barium salt (2:1) 2457-01-4	1	4309
3-Iodo-2-propynyl butylcarbamate 55406-53-6	3	5207
Dipropylene glycol monomethyl ether 34590-94-8	1	5087

TA Luft (German Air Pollution Control Regulation):  
total dust incl. fine dust (digit 5.2.1): 20 - 25%  
org. substances (Ziffer 5.2.5): 30 - 35%  
org. subst. (digit 5.2.5) class I: < 5%

Storage class (TRGS 510) Storage class 10

France:

Occupational Illnesses (R-463-3, France):

Chemical name	French RG number
hydrocarbons, C10 - 13, n-alkanes, i-alkanes, cyclics, < 2% aromatics -	RG 84
Dipropylene glycol monomethyl ether 34590-94-8	RG 84

RG 84 - Occupational conditions caused by liquid organic solvents

Netherlands:

Water contaminating class (Netherlands): A (3)

Austria:

Flammable Liquids Regulations, VbF: Flammable liquids AIII

Switzerland:

VOC content:: acc. VOCV CH 814.018, att. 1: 29.8 %

International Inventories:

TSCA	Does not comply
DSL/NDSL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply
PICCS	Does not comply
AICS	Does not comply

Legend:

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**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

## 15.2. Chemical safety assessment

Chemical Safety Report: No information available

## SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet:

Full text of H-Statements referred to under section 3:

EUH066 - Repeated exposure may cause skin dryness or cracking  
H302 - Harmful if swallowed  
H304 - May be fatal if swallowed and enters airways  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H319 - Causes serious eye irritation  
H331 - Toxic if inhaled  
H332 - Harmful if inhaled  
H360 - May damage fertility or the unborn child  
H361d - Suspected of damaging the unborn child  
H372 - Causes damage to organs through prolonged or repeated exposure  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects  
H412 - Harmful to aquatic life with long lasting effects

Legend:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)  
ADR: European agreement concerning the international carriage of dangerous goods by road  
(Accord européen relatif transport des marchandises dangereuses par route)  
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany)  
BCF: Bio-Concentration Factor  
BOD(5): Biochemical oxygen demand (within 5 days)  
CAS: Chemical Abstract Service  
CLP: Classification, Labelling and Packaging  
CMR: Carcinogenic, Mutagenic, toxic for Reproduction  
DIN: German Standards Institute / German industrial norm  
DNEL: Derived No Effect Level  
DOC: Dissolved organic carbon  
EAK/ AVV: European waste catalogue/ waste directory-regulation  
EC50: Effective Concentration 50%  
ECHA: European Chemical Agency  
EINECS: European Inventory of Existing Commercial Chemical Substances  
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
IATA: International Air Transport Association  
IC50: Inhibition Concentration 50%

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IMDG: International Maritime Dangerous Goods Code  
LC50: Lethal Concentration 50% - LD50: Lethal dose 50%  
MAK: Treshold limit values Germany  
NLP: No Longer Polymers  
NOAEC: No Observed Adverse Effect Concentration  
NOAEL: No Observed Adverse Effect Level  
OECD: Organization for Economic Cooperation and Development  
PBT: persistent, bioaccumulative, toxic  
PC: Product category  
PNEC: Predicted No Effect Concentration  
REACH: Registration, Evaluation and Authorization of Chemicals  
RID: Regulations concerning the international carriage of dangerous goods by rail  
(Règlement International concernant le transport de marchandises dangereuses par chemin de fer)  
STEL: Short-term Exposure Limit  
STP: Sewage treatment plant  
SVHC: Substance of Very High Concern  
TLV: Threshold Limit Value  
TWA: Time Weighted Average  
UN: United Nations  
VOC: Volatile Organic Compounds  
vPvB: very persistent, very bioaccumulative

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ceiling: Maximum limit value

\* Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapor	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitization	Calculation method
Skin sensitization	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS:

European Chemicals Agency (ECHA)

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AELG(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

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Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
RTECS (Registry of Toxic Effects of Chemical Substances)  
World Health Organization

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This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006:

## Disclaimer:

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.

**End of Safety Data Sheet**