

**BOSTIK FLEXACRYL GREY**  
Supersedes Date: 16-Dec-2020

Revision date 30-Apr-2021  
Revision Number 2.08

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

### 1.1. Product identifier

**Product Name** BOSTIK FLEXACRYL GREY  
**Pure substance/mixture** Mixture

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

**Recommended use** Primers, Sealers, and Undercoaters.  
**Uses advised against** None known

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

#### Company Name

Bostik Limited  
Common Rd  
ST16 3EH  
Stafford UK  
Tel: +44 (1785) 27 26 25  
Fax: +44 (1785) 25 72 36

**E-mail address** SDS.box-EU@bostik.com

### 1.4. Emergency telephone number

**United Kingdom** +44 (1785) 272650  
**Ireland** +353 (1) 8624900 (Monday- Friday 9am-5pm)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

<b>Flammable liquids</b>	Category 3 - (H226)
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### 2.2. Label elements



#### Signal word

Warning

#### Hazard statements

H226 - Flammable liquid and vapour.

#### EU Specific Hazard Statements

EUH208 - Contains Fatty acids, C14-18 and C16-18-unsatd., maleated. May produce an allergic reaction  
EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist

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

P101 - If medical advice is needed, have product container or label at hand  
P102 - Keep out of reach of children  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P280 - Wear protective gloves and eye/face protection  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed  
P501 - Dispose of contents/ container to an approved waste disposal plant

## 2.3. Other hazards

No information available.

## PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH registration number
Propylene glycol monomethyl ether acetate	203-603-9	108-65-6	15 - 25	Flam. Liq. 3 (H226)		01-2119475791-29-XXXX
Propylene glycol monomethyl ether	203-539-1	107-98-2	5 - <10	STOT SE 3 (H336) Flam. Liq. 3 (H226)		01-2119457435-35-xxxx
1-methoxy-2-propyl acetate	203-603-9	108-65-6	5 - <10	Flam Liq. 3 (H226) STOT SE 3 (H336)		01-2119475791-29-xxxx
Titanium dioxide	236-675-5	13463-67-7	5 - <10	Carc. 2 (H351i)		01-2119489379-17-XXXX
Xylenes (o-, m-, p-isomers)	215-535-7	1330-20-7	0.1 - <1	STOT SE 3 (H335) STOT RE 2 (H373) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Flam Liq. 3 (H226) Aquatic Chronic 3 (H412)		01-2119488216-32-XXXX

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Ethylbenzene	202-849-4	100-41-4	0.1 - <1	STOT RE 2 (H373) Asp. Tox. 1 (H304) Acute Tox. 4 (H332) Flam Liq. 2 (H225) Aquatic Chronic 3 (H412)		01-2119489370- 35-XXXX
Fatty acids, C14-18 and C16-18-unsatd., maleated	288-306-2	85711-46-2	0.1 - <1	Skin Irrit. 2 (H315) Skin Sens. 1 (H317)		01-2119976378- 19-XXXX

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

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL

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)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air. IF exposed or concerned: Get medical advice/attention.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Ingestion</b>	Clean mouth with water. Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information.

### 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

**Note to doctors** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam.

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**Unsuitable extinguishing media** No information available.

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

**Specific hazards arising from the chemical** Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**Hazardous combustion products** Carbon dioxide (CO<sub>2</sub>). Hydrogen chloride. Silicon dioxide.

## 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** Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

**Other information** Ventilate the area.

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

### 6.2. Environmental precautions

**Environmental precautions** Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

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

**Methods for containment** Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

**Methods for cleaning up** Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

**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

**Advice on safe handling** Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapours or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust

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ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

## 7.3. Specific end use(s)

**Specific use(s)**  
Primers, Sealers, and Undercoaters.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**Other information** Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Exposure Limits** This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product

Chemical name	European Union	Ireland	United Kingdom
Propylene glycol monomethyl ether acetate 108-65-6	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> *	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> Sk*	TWA: 50 ppm TWA: 274 mg/m <sup>3</sup> STEL: 100 ppm STEL: 548 mg/m <sup>3</sup> Sk*
Propylene glycol monomethyl ether 107-98-2	TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 568 mg/m <sup>3</sup> *	TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 568 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 560 mg/m <sup>3</sup> Sk*
1-methoxy-2-propyl acetate 108-65-6	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> *	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> Sk*	TWA: 50 ppm TWA: 274 mg/m <sup>3</sup> STEL: 100 ppm STEL: 548 mg/m <sup>3</sup> Sk*
Titanium dioxide 13463-67-7	-	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>	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>
Talc 14807-96-6	-	TWA: 10 mg/m <sup>3</sup> TWA: 0.8 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 2.4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>
Xylenes (o-, m-, p- isomers) 1330-20-7	TWA: 50 ppm TWA: 221 mg/m <sup>3</sup> STEL: 100 ppm STEL: 442 mg/m <sup>3</sup> *	TWA: 50 ppm TWA: 221 mg/m <sup>3</sup> STEL: 100 ppm STEL: 442 mg/m <sup>3</sup> Sk*	TWA: 50 ppm TWA: 220 mg/m <sup>3</sup> STEL: 100 ppm STEL: 441 mg/m <sup>3</sup> Sk*
Carbon black 1333-86-4	-	TWA: 3 mg/m <sup>3</sup> STEL: 15 mg/m <sup>3</sup>	TWA: 3.5 mg/m <sup>3</sup> STEL: 7 mg/m <sup>3</sup>
Ethylbenzene 100-41-4	TWA: 100 ppm TWA: 442 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 442 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 441 mg/m <sup>3</sup>

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	STEL: 200 ppm STEL: 884 mg/m <sup>3</sup> *	STEL: 200 ppm STEL: 884 mg/m <sup>3</sup> Sk*	STEL: 125 ppm STEL: 552 mg/m <sup>3</sup> Sk*
Magnesite 13717-00-5	-	-	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>

Chemical name	European Union	Ireland	United Kingdom
Xylenes (o-, m-, p- isomers) 1330-20-7	-	1.5 g/g Creatinine (urine - Methylhippuric acids end of shift)	650 mmol/mol creatinine urine
Ethylbenzene 100-41-4	-	0.7 g/g Creatinine (urine - sum of Mandelic acid and Phenylglyoxylic acid end of shift at end of workweek) 0.7 g (end-exhaled air - not critical)	-

**Derived No Effect Level (DNEL)** No information available

<b>Derived No Effect Level (DNEL)</b>			
<b>Propylene glycol monomethyl ether acetate (108-65-6)</b>			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Inhalation	275 mg/m <sup>3</sup>	
worker Short term Systemic health effects	Inhalation	550 mg/m <sup>3</sup>	
worker Long term Local health effects	Inhalation	550 mg/m <sup>3</sup>	
worker Long term Systemic health effects	Dermal	796 mg/kg bw/d	

<b>Propylene glycol monomethyl ether (107-98-2)</b>			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Short term Systemic health effects	Inhalation	553.5 mg/m <sup>3</sup>	
worker Short term Local health effects	Inhalation	553.5 mg/m <sup>3</sup>	
worker Long term Systemic health effects	Dermal	183 mg/kg bw/d	
worker Long term Systemic health effects	Inhalation	369 mg/m <sup>3</sup>	

<b>1-methoxy-2-propyl acetate (108-65-6)</b>			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Inhalation	275 mg/m <sup>3</sup>	
worker Long term Systemic health effects	Dermal	796 mg/kg bw/d	

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<b>Titanium dioxide (13463-67-7)</b>			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Local health effects	Inhalation	10 mg/m <sup>3</sup>	

<b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b>			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Long term Systemic health effects worker	Dermal	180 mg/kg bw/d	
Long term Systemic health effects worker	Inhalation	77 mg/m <sup>3</sup>	
Short term Local health effects Systemic health effects worker	Inhalation	289 mg/m <sup>3</sup>	

<b>Derived No Effect Level (DNEL)</b>			
<b>Propylene glycol monomethyl ether acetate (108-65-6)</b>			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Inhalation	33 mg/m <sup>3</sup>	
Consumer Long term Local health effects	Inhalation	33 mg/m <sup>3</sup>	
Consumer Long term Systemic health effects	Dermal	320 mg/kg bw/d	
Consumer Long term Systemic health effects	Oral	36 mg/kg bw/d	

<b>Propylene glycol monomethyl ether (107-98-2)</b>			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Dermal	78 mg/kg bw/d	
Consumer Long term Systemic health effects	Inhalation	43.9 mg/m <sup>3</sup>	
Consumer Long term Systemic health effects	Oral	33 mg/kg bw/d	

<b>1-methoxy-2-propyl acetate (108-65-6)</b>			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Inhalation	33 mg/m <sup>3</sup>	
Consumer	Inhalation	33 mg/m <sup>3</sup>	

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Long term Local health effects			
Consumer Long term Systemic health effects	Dermal	320 mg/kg bw/d	
Consumer Long term Systemic health effects	Oral	36 mg/kg bw/d	

<b>Titanium dioxide (13463-67-7)</b>			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Oral	700 mg/kg bw/d	

**Predicted No Effect Concentration (PNEC)** No information available.

<b>Predicted No Effect Concentration (PNEC)</b>	
<b>Propylene glycol monomethyl ether acetate (108-65-6)</b>	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.635 mg/l
Marine water	0.064 mg/l
Microorganisms in sewage treatment	100 mg/l
Freshwater sediment	3.29 mg/kg dry weight
Marine sediment	0.329 mg/kg dry weight
Soil	0.29 mg/kg dry weight

<b>Propylene glycol monomethyl ether (107-98-2)</b>	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	10 mg/l
Marine water	1 mg/l
Sewage treatment plant	100 mg/l
Freshwater sediment	52.3 mg/kg dry weight
Marine sediment	5.2 mg/kg dry weight
Soil	4.59 mg/kg dry weight

<b>1-methoxy-2-propyl acetate (108-65-6)</b>	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.635 mg/l
Marine water	0.064 mg/l
Sewage treatment plant	100 mg/l
Freshwater sediment	3.29 mg/l
Marine sediment	0.329 mg/kg dry weight
Soil	0.29 mg/kg dry weight

<b>Titanium dioxide (13463-67-7)</b>	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Marine water	0.0184 mg/l
Freshwater sediment	1000 mg/kg
Freshwater	0.184 mg/l
Marine sediment	100 mg/kg
Soil	100 mg/kg
Microorganisms in sewage treatment	100 mg/l
Freshwater - intermittent	0.193 mg/l

## 8.2. Exposure controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas.



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## Personal protective equipment

<b>Eye/face protection</b>	Tight sealing safety goggles.
<b>Hand protection</b>	Wear protective gloves. Gloves must conform to standard EN 374. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves should be replaced regularly and if there is any sign of damage to the glove material.
<b>Skin and body protection</b>	Antistatic footwear. Wear fire/flame resistant/retardant clothing. Gloves made of plastic or rubber.

**Environmental exposure controls** No information available.

## SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	Liquid
<b>Appearance</b>	Liquid
<b>Colour</b>	Grey
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	No information available

Property	Values	Remarks • Method
<b>pH</b>	No data available	
<b>pH (as aqueous solution)</b>	No data available	
<b>Melting point / freezing point</b>	No data available	
<b>Initial boiling point and boiling range</b>	120 °C	
<b>Flash point</b>	> 32 °C	No information available
<b>Evaporation rate</b>	No data available	
<b>Flammability</b>	Not applicable for liquids .	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapour pressure</b>	No data available	
<b>Relative vapour density</b>	No data available	
<b>Relative density</b>	No data available	
<b>Water solubility</b>	No data available	
<b>Solubility(ies)</b>	No data available	
<b>Partition coefficient</b>	No data available	
<b>Autoignition temperature</b>	No data available	
<b>Decomposition temperature</b>	No data available	
<b>Kinematic viscosity</b>	No data available	
<b>Dynamic viscosity</b>	No data available	
<b>Explosive properties</b>	No data available	
<b>Oxidising properties</b>	No data available	

### 9.2. Other information

<b>Solid content (%)</b>	No information available
<b>VOC Content (%)</b>	
<b>Liquid Density</b>	1.0

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** No information available.

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## 10.2. Chemical stability

**Stability** Stable under normal conditions.

## **Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** Yes.

## 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None under normal processing.

## 10.4. Conditions to avoid

**Conditions to avoid** Heat, flames and sparks.

## 10.5. Incompatible materials

**Incompatible materials** None known based on information supplied.

## 10.6. Hazardous decomposition products

**Hazardous decomposition products** None under normal use conditions. Stable under recommended storage conditions.

## **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

#### Information on likely routes of exposure

#### **Product Information**

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

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

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

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

#### 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) 410.7524 mg/l

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Propylene glycol monomethyl ether acetate 108-65-6	=8532 mg/kg (Rattus)	> 5 g/kg (Oryctolagus cuniculus)	= 16000 mg/m <sup>3</sup> ( Rat ) 6 h

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Propylene glycol monomethyl ether 107-98-2	>3500 mg/Kg (Rattus)	>2000 mg/Kg (Rattus)	>7559 ppm (Rattus) 6 h
1-methoxy-2-propyl acetate 108-65-6	=8532 mg/kg (Rattus)	> 5 g/kg (Oryctolagus cuniculus)	= 16000 mg/m <sup>3</sup> ( Rat ) 6 h
Titanium dioxide 13463-67-7	>10000 mg/kg (Rattus)	LD50 > 10000 mg/Kg	>5 mg/l
Xylenes (o-, m-, p- isomers) 1330-20-7	=3500 mg/kg (Rattus)	> 1700 mg/kg (Oryctolagus cuniculus) > 4350 mg/kg (Oryctolagus cuniculus)	=>47635 mg/L (Rattus) 4 h = >5000 ppm (Rattus) 4 h
Ethylbenzene 100-41-4	=3500 mg/kg (Rattus)	= 15400 mg/kg (Oryctolagus cuniculus)	=17.4 mg/L (Rattus) 4 h

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

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

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

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

Chemical name	European Union
Titanium dioxide 13463-67-7	Carc. 2

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

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

**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.

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

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

### 11.2.2. Other information

**Other adverse effects** No information available.

## **SECTION 12: Ecological information**

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## 12.1. Toxicity

### Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
Propylene glycol monomethyl ether acetate 108-65-6	-	LC50: =161mg/L (96h, Pimephales promelas)	-	EC50: >500mg/L (48h, Daphnia magna)		
Propylene glycol monomethyl ether 107-98-2	-	LC50: 4600 - 10000mg/L (96h, Leuciscus idus) LC50: =20.8g/L (96h, Pimephales promelas)	-	EC50: =23300mg/L (48h, Daphnia magna)		
1-methoxy-2-propyl acetate 108-65-6	-	LC50: =161mg/L (96h, Pimephales promelas)	-	EC50: >500mg/L (48h, Daphnia magna)		
Titanium dioxide 13463-67-7	LC50 (96h) >10000 mg/l (Cyprinodon variegatus) OECD 203	-	-	-		
Xylenes (o-, m-, p- isomers) 1330-20-7	-	LC50 96 h 2.6 mg/L (Oncorhynchus mykiss ) (OECD 203)	EC50 = 0.0084 mg/L 24 h	EC50 48 h = 3.4 mg/L (Daphnia magna)		
Ethylbenzene 100-41-4	EC50 72 h 2.6 - 11.3 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h = 4.2 mg/L (Oncorhynchus mykiss semi-static)	EC50 = 9.68 mg/L 30 min EC50 = 96 mg/L 24 h	EC50: 1.8 - 2.4mg/L (48h, Daphnia magna)		
Fatty acids, C14-18 and C16-18-unsatd., maleated 85711-46-2	-	LC50: >100mg/L (96h, Danio rerio)	-	-		

## 12.2. Persistence and degradability

**Persistence and degradability** No information available.

Component Information			
1-methoxy-2-propyl acetate (108-65-6)			
Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)	28 days	83%	Readily biodegradable
Xylenes (o-, m-, p- isomers) (1330-20-7)			
Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)	28 days	biodegradation	87.8 % Readily biodegradable

## 12.3. Bioaccumulative potential

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**Bioaccumulation** There is no data for this product.

## Component Information

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Propylene glycol monomethyl ether acetate 108-65-6	0.43	-
Propylene glycol monomethyl ether 107-98-2	-0.437	2
1-methoxy-2-propyl acetate 108-65-6	0.43	-
Xylenes (o-, m-, p- isomers) 1330-20-7	3.15	15
Ethylbenzene 100-41-4	3.2	15

## 12.4. Mobility in soil

**Mobility in soil** No information available.

## 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** . The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
Propylene glycol monomethyl ether acetate 108-65-6	The substance is not PBT / vPvB
Propylene glycol monomethyl ether 107-98-2	The substance is not PBT / vPvB
1-methoxy-2-propyl acetate 108-65-6	The substance is not PBT / vPvB
Titanium dioxide 13463-67-7	The substance is not PBT / vPvB PBT assessment does not apply
Xylenes (o-, m-, p- isomers) 1330-20-7	The substance is not PBT / vPvB
Ethylbenzene 100-41-4	The substance is not PBT / vPvB
Fatty acids, C14-18 and C16-18-unsatd., maleated 85711-46-2	The substance is not PBT / vPvB

## 12.6. Other adverse effects

**Other adverse effects** No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Waste from residues/unused products** Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

**Other information** Waste codes should be assigned by the user based on the application for which the product was used.

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## SECTION 14: Transport information

**Note:** The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments made in non-bulk packages (see regulatory definition). The information shown here, may not always agree with the bill of lading shipping description for the material.

### Land transport (ADR/RID)

14.1 UN number or ID number	UN1263
14.2 Proper Shipping Name	Paint related material
14.3 Transport hazard class(es)	3
Labels	3
14.4 Packing group	III
Description	UN1263, Paint related material, 3, III, (D/E)
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	163, 650, 367
Classification code	F1
Tunnel restriction code	(D/E)
Limited Quantity (LQ)	5 L
ADR Hazard Id (Kemmler Number)	30

### IMDG

14.1 UN number or ID number	UN1263
14.2 Proper Shipping Name	Paint related material
14.3 Transport hazard class(es)	3
14.4 Packing group	III
Description	UN1263, Paint related material, 3, III, (32°C c.c.)
14.5 Marine pollutant	NP
14.6 Special Provisions	163, 223, 367, 955
Limited Quantity (LQ)	5 L
EmS-No	F-E, S-E
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	Not applicable

### Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number	UN1263
14.2 Proper Shipping Name	Paint related material
14.3 Transport hazard class(es)	3
14.4 Packing group	III
Description	UN1263, Paint related material, 3, III
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	A3, A72, A192
Limited Quantity (LQ)	10 L
ERG Code	3L

## 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

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

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## **Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)**

### **SVHC: Substances of Very High Concern for Authorisation:**

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)

### **EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction**

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

### **Substance subject to authorisation per REACH Annex XIV**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

### **Dangerous substance category per Seveso Directive (2012/18/EU)**

P5a - FLAMMABLE LIQUIDS

P5b - FLAMMABLE LIQUIDS

P5c - FLAMMABLE LIQUIDS

### **Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

### **Persistent Organic Pollutants**

Not applicable

## **National regulations**

### **15.2. Chemical safety assessment**

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at  $>10$  tpa. No Chemical Safety Assessment has been carried out for this mixture

## **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**

H225 - Highly flammable liquid and vapour

H226 - Flammable liquid and vapour

H304 - May be fatal if swallowed and enters airways

H312 - Harmful in contact with skin

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H332 - Harmful if inhaled

H335 - May cause respiratory irritation

H336 - May cause drowsiness or dizziness

H373 - May cause damage to organs through prolonged or repeated exposure

H412 - Harmful to aquatic life with long lasting effects

#### **Legend**

TWA

TWA (time-weighted average)

STEL

STEL (Short Term Exposure Limit)

Ceiling

Ceiling Limit Value

\*

Skin designation

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SVHC	Substance(s) of Very High Concern
PBT	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
vPvB	Very Persistent and very Bioaccumulative (vPvB) Chemicals
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure
EWC	European Waste Catalogue

## Key literature references and sources for data

No information available

**Prepared By** Product Safety & Regulatory Affairs

**Revision date** 30-Apr-2021

## Indication of changes

**Revision note** Not applicable.

**Training Advice** No information available

**Further information** No information available

**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**