

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

BOSTIK FLEXACRYL GREY Supercedes date 20-Oct-2022 Revision date 03-Jan-2025 Revision Number 1.01

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

1.1. Product identifier

Product Name BOSTIK FLEXACRYL GREY

Other means of identification

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 Supplier

Bostik SA
420 rue d'Estienne d'Orves
92700 Colombes
FRANCE
Tel: +33 (0)1 49 00 90 00

Bostik Industries Limited
Newtown, Swords
Co. Dublin Ireland
Tel: +353 (1) 8624900
Fax: +353 (1) 8402186

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

1.4. Emergency telephone number

Ireland NPIC - National Poison Information Centre

Members of the Public: +353 (01) 8092166 (8.00 am to 10.00 pm - 7 days a week)

Healthcare Professionals: +353 (01) 8092566 (24 hour service)

United Kingdom Bostik: +44 (1785) 272650 (9am to 5pm Mon-Fri)

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids	Category 3 - (H226)
Skin sensitisation	Category 1 - (H317)
Specific target organ toxicity (single exposure)	Category 3 - (H336)
Category 3 Target organ effects: Narcotic effects.	

2.2. Label elements

Contains 1-methoxy-2-propyl acetate; Propylene glycol monomethyl ether; Maleic anhydride

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Signal word Warning

Hazard statements

H226 - Flammable liquid and vapour.

H317 - May cause an allergic skin reaction.

H336 - May cause drowsiness or dizziness.

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

P261 - Avoid breathing vapours

P271 - Use only outdoors or in a well-ventilated area

P280 - Wear protective gloves and eye/face protection

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap

P403 + P235 - Store in a well-ventilated place. Keep cool

P405 - Store locked up

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

2.3. Other hazards

No information available.

PBT & vPvB

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	Weight- %	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	concentration		M-Factor (long-ter m)	Notes
1-methoxy-2-propyl acetate 108-65-6	>25 - <40		203-603-9 (607-195-00-7)	Flam. Liq. 3 (H226) STOT SE 3 (H336)	-	-	-	-
Propylene glycol monomethyl ether 107-98-2	5 - <10	01-2119457435 -35-xxxx		STOT SE 3 (H336) Flam. Liq. 3 (H226)		-	-	-
Acetone	0.1- <1	#	200-662-2	Eye Irrit. 2 (H319)	-	-	-	-

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			(000 004 00 0)	OTOT OF 0 (11000)				
67-64-1			(606-001-00-8)	STOT SE 3 (H336)				
				Flam. Liq. 2 (H225)				
				(EUH066)				
Xylenes (o-, m-, p-	0.1 - <0.5	01-2119488216	215-535-7	Acute Tox. 4 (H312)	-	-	-	С
isomers)		-32-XXXX	(601-022-00-9)	Acute Tox. 4 (H332)				
1330-20-7				Skin Irrit. 2 (H315)				
				Eye Irrit. 2 (H319)				
				SŤOT SE 3 (H335)				
				STOT RE 2 (H373)				
				Asp. Tox. 1 (H304)				
				Aquatic Chronic 3				
				(H412)				
				Flam. Liq. 3 (H226)				
2-Methoxypropyl-1-a	0.1 - <0.3	#	274-724-2	Repr. 1B (H360D)	-	-	-	-
cetate				STOT SE 3 (H335)				
70657-70-4			,	Flam. Liq. 3 (H226)				
Maleic anhydride	0.01 <	01-2119472428	203-571-6	Acute Tox. 4 (H302)		-	-	-
108-31-6	0.036	-31-XXXX	(607-096-00-9)		1A ::			
			,	(H314)	C>=0.001%			
				Eye Dam. 1 (H318)				
				Resp. Sens. 1				
				(H334)				
				Skin Sens. 1A				
				(H317)				
				STOT RE 1 (H372)				
				(EUH071)				

The substance does not require registration according to REACH

Note C - Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

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

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value 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	EC No (EU Index No)	CAS No.	Oral LD50 mg/kg	Dermal LD50 mg/kg		Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
1-methoxy-2-propyl acetate	203-603-9 (607-195-00-7)	108-65-6	•	-	-	-	-
Propylene glycol monomethyl ether	203-539-1 (603-064-00-3)	107-98-2	-	-	-	-	-
Acetone	200-662-2 (606-001-00-8)	67-64-1	-	-	-	-	-
Xylenes (o-, m-, p- isomers)	215-535-7 (601-022-00-9)	1330-20-7	2500	1990	4.8	-	-
2-Methoxypropyl-1-acet ate	274-724-2 (607-251-00-0)	70657-70-4	-	-	-	-	-
Maleic anhydride	203-571-6 (607-096-00-9)	108-31-6	1090	-	-	-	-

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

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^{#:} Exempt, Hazardous impurities

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SECTION 4: First aid measures

4.1. Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance.

Inhalation Remove to fresh air. IF exposed or concerned: Get medical advice/attention.

Eye contact 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.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or

allergic reactions see a doctor.

Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious Ingestion

person. Call a doctor.

Remove all sources of ignition. Ensure that medical personnel are aware of the Self-protection of the first aider

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 Itching. Rashes. Hives. Inhalation of high vapour concentrations may cause symptoms

like headache, dizziness, tiredness, nausea and vomiting.

Effects of Exposure No information available.

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

Note to doctors May cause sensitisation in susceptible persons. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam. **Suitable Extinguishing Media**

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. Product is or contains a sensitiser. May cause sensitisation by skin contact.

Hazardous combustion products Carbon oxides. Carbon dioxide (CO2). Hydrogen chloride. Silicon dioxide. Thermal

decomposition can lead to release of irritating and toxic gases and vapours.

5.3. Advice for firefighters

precautions for fire-fighters

Special protective equipment and Firefighters should wear self-contained breathing apparatus and full firefighting turnout

gear. Use personal protection equipment.

SECTION 6: Accidental release measures

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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. Refer to protective measures listed in Sections 7 and 8.

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

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 ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take

off contaminated clothing and wash it before reuse.

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

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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
1-methoxy-2-propyl acetate	TWA: 50 ppm	TWA: 50 ppm	TWA: 50 ppm
108-65-6	TWA: 275 mg/m ³	TWA: 275 mg/m ³	TWA: 274 mg/m ³
	STEL: 100 ppm	STEL: 100 ppm	STEL: 100 ppm
	STEL: 550 mg/m ³	STEL: 550 mg/m ³	STEL: 548 mg/m ³
	*	Sk*	Sk*
Propylene glycol monomethyl ether	TWA: 100 ppm	TWA: 100 ppm	TWA: 100 ppm
107-98-2	TWA: 375 mg/m ³	TWA: 375 mg/m ³	TWA: 375 mg/m ³
	STEL: 150 ppm	STEL: 150 ppm	STEL: 150 ppm
	STEL: 568 mg/m ³	STEL: 568 mg/m ³	STEL: 560 mg/m ³
	*	_	Sk*
Titanium dioxide	-	TWA: 10 mg/m ³	TWA: 10 mg/m ³
13463-67-7		TWA: 4 mg/m ³	TWA: 4 mg/m ³
		STEL: 30 mg/m ³	STEL: 30 mg/m ³
		STEL: 12 mg/m ³	STEL: 12 mg/m ³
Talc	-	TWA: 10 mg/m ³	TWA: 1 mg/m ³
14807-96-6		TWA: 0.8 mg/m ³	STEL: 3 mg/m ³
		STEL: 30 mg/m ³	_
		STEL: 2.4 mg/m ³	
Silica, amorphous	-	TWA: 6 mg/m ³	TWA: 6 mg/m ³
7631-86-9		TWA: 2.4 mg/m ³	TWA: 2.4 mg/m ³
		STEL: 18 mg/m ³	STEL: 18 mg/m ³
		STEL: 7.2 mg/m ³	STEL: 7.2 mg/m ³
Acetone	TWA: 500 ppm	TWA: 500 ppm	TWA: 500 ppm
67-64-1	TWA: 1210 mg/m ³	TWA: 1210 mg/m ³	TWA: 1210 mg/m ³
		STEL: 1500 ppm	STEL: 1500 ppm
		STEL: 3630 mg/m ³	STEL: 3620 mg/m ³
Xylenes (o-, m-, p- isomers)	TWA: 50 ppm	TWA: 50 ppm	TWA: 50 ppm
1330-20-7	TWA: 221 mg/m ³	TWA: 221 mg/m ³	TWA: 220 mg/m ³
	STEL: 100 ppm	STEL: 100 ppm	STEL: 100 ppm
	STEL: 442 mg/m ³	STEL: 442 mg/m ³	STEL: 441 mg/m ³
	*	Sk*	Sk*
Carbon black	-	TWA: 3 mg/m ³	TWA: 3.5 mg/m ³
1333-86-4		STEL: 15 mg/m ³	STEL: 7 mg/m ³
Magnesite	-	-	TWA: 10 mg/m ³
13717-00-5			TWA: 4 mg/m ³
			STEL: 30 mg/m ³
			STEL: 12 mg/m ³
Maleic anhydride	-	TWA: 0.01 ppm	TWA: 1 mg/m ³
108-31-6		STEL: 0.03 ppm	STEL: 3 mg/m ³
		Sens+	Sen+

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DNEL)				
1-methoxy-2-propyl acetate	(108-65-6)			
Туре	Exposure route	Derived No Effect Level	Safety factor	

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		(DNEL)	
worker	Inhalation	275 mg/m³	
Long term			
Systemic health effects			
worker	Dermal	796 mg/kg bw/d	
Long term			
Systemic health effects			

Propylene glycol monomethyl ether (107-98-2)				
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor	
worker Short term Systemic health effects	Inhalation	553.5 mg/m³		
worker Short term Local health effects	Inhalation	553.5 mg/m³		
worker Long term Systemic health effects	Dermal	183 mg/kg bw/d		
worker Long term Systemic health effects	Inhalation	369 mg/m³		

Xylenes (o-, m-, p- isomers) (1330-20-7)				
Туре	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/m³		
Short term Local health effects Systemic health effects worker	Inhalation	289 mg/m³		

2-Methoxypropyl-1-acetate (2-Methoxypropyl-1-acetate (70657-70-4)				
Maleic anhydride (108-31-6)					
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor		
worker Long term Systemic health effects	Inhalation	0.4 mg/m³			
worker Short term Systemic health effects	Inhalation	0.8 mg/m³			
worker Long term Local health effects	Inhalation	0.4 mg/m ³			
worker Short term Local health effects	Inhalation	0.8 mg/m³			

Derived No Effect Level (DNEL)				
1-methoxy-2-propyl acetate (108-65-6)				
Туре	Exposure route	Derived No Effect Level	Safety factor	
		(DNEL)		

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Consumer	Inhalation	33 mg/m³	
Long term		3	
Systemic health effects			
Consumer	Inhalation	33 mg/m³	
Long term			
Local health effects			
Consumer	Dermal	320 mg/kg bw/d	
Long term			
Systemic health effects			
Consumer	Oral	36 mg/kg bw/d	
Long term			
Systemic health effects			

Propylene glycol monomethyl ether (107-98-2)				
Туре	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/m³		
Consumer Long term Systemic health effects	Oral	33 mg/kg bw/d		

Predicted No Effect Concentration (PNEC)

Predicted No Effect Concentration (PNEC) 1-methoxy-2-propyl acetate (108-65-6)	
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

Propylene glycol monomethyl ether (107-98-2)			
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		

Maleic anhydride (108-31-6)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.1 mg/l
Marine water	0.01 mg/l
Microorganisms in sewage treatment	44.6 mg/l
Freshwater sediment	0.334 mg/kg dry weight
Marine water	0.033 mg/kg dry weight
Soil	0.042 mg/kg dry weight

8.2. Exposure controls

Engineering controls

Ensure adequate ventilation, especially in confined areas. Vapours/aerosols must be exhausted directly at the point of origin.

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Personal protective equipment

Eye/face protection Hand protection

Tight sealing safety goggles. Eye protection must conform to standard EN 166 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. The breakthrough time of the gloves depends on the material and the thickness as well as the temperature. Gloves should be

replaced regularly and if there is any sign of damage to the glove material.

Wear suitable protective clothing. Skin and body protection

Environmental exposure controls No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid **Appearance** Liquid Colour Grey

Odour Characteristic.

Values Remarks • Method **Property**

Melting point / freezing point No data available None known

Initial boiling point and boiling 120 °C

range

Flammability No data available Flammable liquid None known

Flammability Limit in Air

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

Flash point > 32 °C No information available No data available None known

Autoignition temperature Decomposition temperature None known

No data available None known. No data available None known pH (as aqueous solution) No data available Kinematic viscosity None known

No data available Dynamic viscosity

Water solubility No data available. None known Solubility(ies) No data available None known **Partition coefficient** No data available None known Vapour pressure <110 kPa None known Relative density No data available None known

No data available **Bulk density**

Density 1.0

Relative vapour density No data available None known

Particle characteristics

Particle Size No information available **Particle Size Distribution** No information available

9.2. Other information

Solid content (%) No information available

VOC content approx 525 g/L

9.2.1. Information with regards to physical hazard classes Not applicable

9.2.2. Other safety characteristics

No information available

SECTION 10: Stability and reactivity

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10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical

impact

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 materialsNone known based on information supplied.

None.

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

Information on likely routes of exposure

Product Information

Inhalation May cause drowsiness or dizziness.

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

Skin contact May cause sensitisation by skin contact. Specific test data for the substance or mixture is

not available. Repeated or prolonged skin contact may cause allergic reactions with

susceptible persons. (based on components).

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

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Itching. Rashes. Hives. Inhalation of high vapour concentrations may cause symptoms

like headache, dizziness, tiredness, nausea and vomiting.

Acute toxicity

Numerical measures of toxicity

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

ATEmix (oral) >2000 mg/kg

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ATEmix (dermal) >2000 mg/kg
ATEmix (inhalation-gas) >20000 ppm
ATEmix (inhalation-dust/mist) >5 mg/l
ATEmix (inhalation-vapour) >20 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
1-methoxy-2-propyl acetate	=8532 mg/kg (Rattus)	> 5 g/kg (Oryctolagus	= 16000 mg/m ³ (Rat) 6 h
		cuniculus)	
Propylene glycol monomethyl ether	>3500 mg/Kg (Rattus)	>2000 mg/Kg (Rattus)	>7559 ppm (Rattus) 6 h
Acetone	=5800 mg/kg (Rattus)	> 15700 mg/kg (Oryctolagus cuniculus)	=50100 mg/m³ (Rattus) 8 h
Xylenes (o-, m-, p- isomers)	=3500 mg/kg (Rattus)	> 1700 mg/kg (Oryctolagus cuniculus) > 4350 mg/kg (Oryctolagus cuniculus)	= 11 mg/L (ATE)
Maleic anhydride	LD50 = 1090 mg/kg (Rattus) OECD 401	= 2620 mg/kg (Oryctolagus cuniculus)	>4.35 mg/L (Rattus) 1 h

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

Skin corrosion/irritationBased 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 May cause an allergic skin reaction.

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

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

Chemical name	European Union	
2-Methoxypropyl-1-acetate	Repr. 1B	

STOT - single exposure May cause drowsiness or dizziness.

STOT - repeated exposureBased 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.

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11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
1-methoxy-2-propyl 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)		
Acetone 67-64-1	-	LC50: 4.74 - 6.33mL/L (96h, Oncorhynchus mykiss) LC50: =8300mg/L (96h, Lepomis macrochirus) LC50: 6210 - 8120mg/L (96h, Pimephales promelas)	-	EC50: 10294 - 17704mg/L (48h, Daphnia magna) EC50: 12600 - 12700mg/L (48h, Daphnia magna)		
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 (Dappnia magna)		
Maleic anhydride 108-31-6	EC50: =29mg/L (72h, Desmodesmus subspicatus)	LC50 (96h) = 75 mg/L (Oncorhynchus mykiss)	-	EC50: =84mg/L (24h, Daphnia magna)		

12.2. Persistence and degradability

Persistence and degradability No information available.

1-methoxy-2-propyl acetate (108-65-6)				
Method	Exposure time	Value	Results	
OECD Test No. 301F: Ready	28 days	83%	Readily biodegradable	
Biodegradability: Manometric	-			
Respirometry Test (TG 301 F)				

Xylenes (o-, m-, p- isomers) (1330-20-7)				
Method	Exposure time	Value	Results	
OECD Test No. 301F: Ready	28 days	biodegradation	87.8 % Readily biodegradable	
Biodegradability: Manometric				
Respirometry Test (TG 301 F)				

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12.3. Bioaccumulative potential

Bioaccumulation

Component Information

Chemical name	Partition coefficient	
1-methoxy-2-propyl acetate	1.2	
Propylene glycol monomethyl ether	1	
Acetone	-0.24	
Xylenes (o-, m-, p- isomers)	3.15	
Maleic anhydride	-2.61	

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 above the threshold of declaration.

Chemical name	PBT and vPvB assessment	
1-methoxy-2-propyl acetate	The substance is not PBT / vPvB	
Propylene glycol monomethyl ether	The substance is not PBT / vPvB	
Acetone	The substance is not PBT / vPvB	
Xylenes (o-, m-, p- isomers)	The substance is not PBT / vPvB	
Maleic anhydride	The substance is not PBT / vPvB	

12.6. Endocrine disrupting properties

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

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.

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 UN proper shipping name Paint related material

14.3 Transport hazard class(es) 3

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Labels 3
14.4 Packing group ||||

Description UN1263, Paint related material, 3, III, (D/E)

14.5 Environmental hazards No

14.6 Special precautions for user

Special Provisions 163, 650, 367

Classification code F1
Tunnel restriction code (D/E)
Limited quantity (LQ) 5 L
ADR Hazard Id (Kemmler 30

Number)

IMDG

14.1 UN number or ID number UN1263

14.2 UN proper shipping name Paint related material

14.3 Transport hazard class(es)14.4 Packing group

Description UN1263, Paint related material, 3, III, (32°C c.c.)

14.5 Marine pollutant NP

14.6 Special precautions for user

Special Provisions 163, 223, 367, 955

Limited Quantity (LQ) 5 L EmS-No. 5 L F-E, S-E

14.7 Maritime transport in bulk according to IMO instruments

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 UN proper shipping name Paint related material

14.3 Transport hazard class(es) 314.4 Packing group || | | |

Description UN1263, Paint related material, 3, III

14.5 Environmental hazards No

14.6 Special precautions for user

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

Registration, Evaluation, Authorisation, 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 >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

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

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

Chemical name	CAS No.	Restricted substance per REACH Annex XVII
2-Methoxypropyl-1-acetate	70657-70-4	Use restricted. See entry 30. Use restricted. See entry 75.

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)

Export Notification requirements

This product does not contain substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals above the level that triggers a labeling obligation under Regulation (EC) No 1272/2008. Therefore this product is not subject to prior informed consent notification.

Ozone-depleting substances (ODS) Regulation (EU) 2024/590

Not applicable

Persistent Organic Pollutants

Not applicable

REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on the marketing and use of explosives precursors

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 any hazard and/or precautionary statements referred to under Sections 2-15

H225 - Highly flammable liquid and vapour

H226 - Flammable liquid and vapour

H302 - Harmful if swallowed

H304 - May be fatal if swallowed and enters airways

H312 - Harmful 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

H319 - Causes serious eye irritation

H332 - Harmful if inhaled

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

H335 - May cause respiratory irritation

H336 - May cause drowsiness or dizziness

H360D - May damage the unborn child

H372 - Causes damage to organs through prolonged or repeated exposure

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

H412 - Harmful to aquatic life with long lasting effects

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Notes relating to the identification, classification and labelling of substances

Note C - Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers

SVHC: Substances of Very High Concern for Authorisation:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT RE: Specific target organ toxicity - Repeated exposure

STOT SE: Specific target organ toxicity - Single exposure

EWC: European Waste Catalogue

LOW: List of Wastes (see http://ec.europa.eu/environment/waste/framework/list.htm)

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IATA: International Air Transport Association

ICAO: ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG: International Maritime Dangerous Goods

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

Legend SECTION 8: Exposure controls/personal protection

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

AGW Occupational exposure limit value BGW Biological limit value Ceiling Maximum limit value Sk* 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 - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Chronic aquatic toxicity	Calculation method
Acute aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

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

European Food Safety Authority (EFSA)

European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)

European Chemicals Agency (ECHA) (ECHA_API)

Environmental Protection Agency

Acute Exposure Guideline Level(s) (AEGL(s))

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

NIOSH (National Institute for Occupational Safety and Health)

Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme

Organisation for Economic Co-operation and Development Screening Information Data Set

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Training Advice No information available

Further information No information available

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Regulation (EC) No. 1907/2006 as amended by Regulation (EU) No. 2020/878, and Regulation (EC) No. 1272/2008

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

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