

Trade name: WIDOCRYL-Concrete Primer PM

Current version: 2.0.0, Revision: 23.04.2026

Replaced version: 2.0.0, Revision: 27.02.2026

Region: GB

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

1.1 Product identifier

Trade name

WIDOCRYL-Concrete Primer PM

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

Relevant identified uses of the substance or mixture
primer

Uses advised against
No data available.

1.3 Details of the supplier of the safety data sheet

Address

Widopan Produkte GmbH
Ostereichen 3
D-21714 Hammah

Telephone no. +49 (0) 4144 69821-0
Fax no. +49 (0) 4144 69821-20

Information provided by / telephone
+49 (0) 4144 69821-0

Advice on Safety Data Sheet
sdb_info@umco.de

Details of the importer

Address

Widopan Limited
System House
Horndon Industrial Park
24 Station Rd
West Horndon
Brentwood
CM13 3XL

1.4 Emergency telephone number

For medical advice (in German and English):
+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Eye Irrit. 2; H319
Flam. Liq. 2; H225
Skin Irrit. 2; H315
Skin Sens. 1; H317
STOT SE 3; H335

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Trade name: WIDOCRYL-Concrete Primer PM

Current version: 2.0.0, Revision: 23.04.2026

Replaced version: 2.0.0, Revision: 27.02.2026

Region: GB

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)**Hazard pictograms**

GHS02



GHS07

Signal word

Danger

Hazardous component(s) to be indicated on label:

methyl-methacrylate
 2-Hydroxyethyl methacrylate
 ethylene dimethacrylate

Hazard statement(s)

H225 Highly flammable liquid and vapour.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.

Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P243 Take action to prevent static discharges.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P403+P235 Store in a well-ventilated place. Keep cool.

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Chemical characterization**

Methyl methacrylate-based reactive resin

Hazardous ingredients

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	methyl-methacrylate			
	80-62-6 201-297-1 607-035-00-6 01-2119452498-28	Flam. Liq. 2; H225 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H335	>= 25.00 - < 50.00	wt%
2	2-Hydroxyethyl methacrylate			
	868-77-9 212-782-2 607-124-00-X 01-2119490169-29	Eye Irrit. 2; H319 Skin Irrit. 2; H315 Skin Sens. 1; H317	>= 25.00 - < 50.00	wt%

Trade name: WIDOCRYL-Concrete Primer PM

Current version: 2.0.0, Revision: 23.04.2026

Replaced version: 2.0.0, Revision: 27.02.2026

Region: GB

3	ethylene dimethacrylate				
	97-90-5 202-617-2 607-114-00-5 01-2119965172-38	Skin Sens. 1; H317 STOT SE 3; H335 Aquatic Chronic 3; H412	>=	5.00 - < 10.00	wt%
4	2-(N-methyl-p-toluidino)ethanol				
	2842-44-6 220-638-5 - 01-2120827830-56	Skin Sens. 1; H317 Eye Irrit. 2; H319 Aquatic Chronic 2; H411	<	2.50	wt%

Full text of H- and EUH-phrases, if not already mentioned in section 2.2: see section 16.

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	D	-	-	-

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. If the patient is likely to become unconscious, place and transport in stable sideways position.

After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air. Irregular breathing/no breathing: artificial respiration. Call a doctor immediately.

After skin contact

Remove with a cloth or paper. Wash off with soap and water. Don't use solvents. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Seek medical assistance.

After ingestion

Do not induce vomiting. Call a doctor immediately. Rinse the mouth thoroughly with water. Drink water in small gulps. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam; Extinguishing powder; Water spray jet; Carbon dioxide

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO)

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet.

Trade name: WIDOCRYL-Concrete Primer PM

Current version: 2.0.0, Revision: 23.04.2026

Replaced version: 2.0.0, Revision: 27.02.2026

Region: GB

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Keep away from ignition sources.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Provide good ventilation at the work area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Wash hands before breaks and after work. Use barrier skin cream. Provide eye wash fountain in work area. Have emergency shower available.

Advice on protection against fire and explosion

Vapours can form an explosive mixture with air. Take precautionary measures against static charges. Keep away from sources of heat and ignition. Use explosion-proof equipment/fittings and non-sparking tools.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight. Keep in a cool place, heat causes increase in pressure and risk of bursting.

Recommended storage temperature

Value 5 - 25 °C

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original. Fill containers only up to 80%, because oxygen (air) is necessary for stabilization.

Incompatible products

Do not store together with fire promoting substances. Do not store together with foodstuffs.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

Trade name: WIDOCRYL-Concrete Primer PM

Current version: 2.0.0, Revision: 23.04.2026

Replaced version: 2.0.0, Revision: 27.02.2026

Region: GB

No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
	2009/161/EU		
	methyl methacrylate		
	WEL short-term (15 min reference period)		100 ppm
	WEL long-term (8-hr TWA reference period)		50 ppm
	List of approved workplace exposure limits (WELs) / EH40		
	Methyl methacrylate		
	WEL short-term (15 min reference period)	416	mg/m ³ 100 ppm
	WEL long-term (8-hr TWA reference period)	208	mg/m ³ 50 ppm

DNEL, DMEL and PNEC values**DNEL values (worker)**

No	Substance name	CAS / EC no		
	Route of exposure	Exposure time	Effect	Value
1	methyl-methacrylate			80-62-6 201-297-1
	dermal	Short term (acute)	local	1.5 mg/cm ²
	dermal	Long term (chronic)	systemic	13.67 mg/kg
	dermal	Long term (chronic)	local	1.5 mg/cm ²
	inhalative	Long term (chronic)	systemic	348.4 mg/m ³
	inhalative	Long term (chronic)	local	208 mg/m ³
	inhalative	Short term (acute)	local	416 mg/m ³
2	2-Hydroxyethyl methacrylate			868-77-9 212-782-2
	dermal	Long term (chronic)	systemic	1.39 mg/kg/day
	inhalative	Long term (chronic)	systemic	4.9 mg/m ³
3	ethylene dimethacrylate			97-90-5 202-617-2
	dermal	Long term (chronic)	systemic	1.3 mg/kg/day
	inhalative	Long term (chronic)	systemic	2.45 mg/m ³

DNEL value (consumer)

No	Substance name	CAS / EC no		
	Route of exposure	Exposure time	Effect	Value
1	methyl-methacrylate			80-62-6 201-297-1
	oral	Long term (chronic)	systemic	8.2 mg/kg bw/day
	dermal	Short term (acute)	local	1.5 mg/cm ²
	dermal	Long term (chronic)	systemic	8.2 mg/kg
	dermal	Long term (chronic)	local	1.5 mg/cm ²
	inhalative	Long term (chronic)	systemic	74.3 mg/m ³
	inhalative	Long term (chronic)	local	104 mg/m ³
	inhalative	Short term (acute)	local	208 mg/m ³
2	ethylene dimethacrylate			97-90-5 202-617-2
	oral	Long term (chronic)	systemic	0.83 mg/kg/day
	dermal	Long term (chronic)	systemic	0.83 mg/kg/day
	inhalative	Long term (chronic)	systemic	1.45 mg/m ³

PNEC values

No	Substance name	CAS / EC no	
	ecological compartment	Type	Value
1	methyl-methacrylate		80-62-6 201-297-1
	water	fresh water	0.94 mg/L
	water	marine water	0.094 mg/L
	water	fresh water sediment	10.2 mg/kg

Trade name: WIDOCRYL-Concrete Primer PM**Current version:** 2.0.0, Revision: 23.04.2026**Replaced version:** 2.0.0, Revision: 27.02.2026**Region:** GB

	water	marine water sediment	1.02	mg/kg dry weight
	soil	-	1.48	mg/kg dry weight
	sewage treatment plant	-	10	mg/L
2	2-Hydroxyethyl methacrylate		868-77-9 212-782-2	
	water	fresh water	0.482	mg/L
	water	marine water	0.048	mg/L
	water	fresh water sediment	3.79	mg/kg dry weight
	water	marine water sediment	3.79	mg/kg dry weight
	soil	-	0.476	mg/kg dry weight
	sewage treatment plant	-	10	mg/L
3	ethylene dimethacrylate		97-90-5 202-617-2	
	water	marine water	0.014	mg/L
	water	fresh water	0.139	mg/L
	water	marine water sediment	0.16	mg/kg dry weight
	water	fresh water sediment	1.6	mg/kg dry weight
	soil	-	0.239	mg/kg dry weight
	sewage treatment plant	-	57	mg/L

8.2 Exposure controls

Appropriate engineering controls

No data available.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Respiratory filter (gas) : A

Eye / face protection

Tightly fitting safety glasses (EN 166).

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material butyl rubber
 Breakthrough time > 60 min

Other

fire-resistant protective clothing

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Trade name: WIDOCRYL-Concrete Primer PM

Current version: 2.0.0, Revision: 23.04.2026

Replaced version: 2.0.0, Revision: 27.02.2026

Region: GB

State of aggregation	
liquid	
Form	
liquid	
Colour	
violet	
Odour	
of acrylate	
Odour threshold	
Value	0.05 ppm
pH value	
reason for missing pH	substance/mixture is non-soluble (in water)
Boiling point / boiling range	
Value	100.3 °C
Method	DIN 51751
Reference substance	Methyl methacrylate
Melting point/freezing point	
Value	-48 °C
Reference substance	Methyl methacrylate
Decomposition temperature	
No data available	
Flash point	
Value	11.5 °C
Method	DIN 51755
Reference substance	Methyl methacrylate
Ignition temperature	
No data available	
Flammability	
No data available	
Lower explosion limit	
No data available	
Upper explosion limit	
No data available	
Vapour pressure	
Value	38.7 mbar
Reference substance	Methyl methacrylate
Relative vapour density	
No data available	
Relative density	
No data available	
Density	
Value	1.02 g/cm ³
Reference temperature	25 °C
Method	DIN 53217
Solubility in water	
Comments	insoluble
Solubility	

Trade name: WIDOCRYL-Concrete Primer PM

Current version: 2.0.0, Revision: 23.04.2026

Replaced version: 2.0.0, Revision: 27.02.2026

Region: GB

No data available

Partition coefficient n-octanol/water (log value)

No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
	log Pow	1.38	
	Reference temperature	20	°C
	Source	ECHA	
2	2-Hydroxyethyl methacrylate	868-77-9	212-782-2
	log Pow	0.42	
	Reference temperature	25	°C
	Method	OECD 107	
	Source	ECHA	
3	ethylene dimethacrylate	97-90-5	202-617-2
	log Pow	2.4	
	Reference temperature	20	°C
	Method	OECD 117	
	Source	ECHA	
4	2-(N-methyl-p-toluidino)ethanol	2842-44-6	220-638-5
	log Pow	appr. 2.2	
	Reference temperature	25	°C
	Method	OECD 117	
	Source	ECHA	

Kinematic viscosity

Value	100 - 130	mPa*s
Reference temperature	25	°C
Method	DIN 53018	

Particle characteristics

No data available

9.2 Other information**Other information**

No data available.

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

No data available.

10.2 Chemical stability

Stable if stored and handled properly.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources. Protect from sun.

10.5 Incompatible materials

Peroxides; Amines; Azo compounds; Heavy metals; Oxidizing agents; Reducing agents

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute oral toxicity			
No	Substance name	CAS no.	EC no.

Trade name: WIDOCRYL-Concrete Primer PM

Current version: 2.0.0, Revision: 23.04.2026

Replaced version: 2.0.0, Revision: 27.02.2026

Region: GB

1	2-Hydroxyethyl methacrylate	868-77-9	212-782-2
LD50		5564	mg/kg bodyweight
Species	rat		
Source	ECHA		
2	ethylene dimethacrylate	97-90-5	202-617-2
LD50	appr.	8300	mg/kg bodyweight
Species	rat		
Method	OECD		
Source	ECHA		
3	2-(N-methyl-p-toluidino)ethanol	2842-44-6	220-638-5
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	EPA OPPTS 870.1100		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Acute dermal toxicity

No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
LD50	>	5000	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		
2	2-Hydroxyethyl methacrylate	868-77-9	212-782-2
LD50	>	5000	mg/kg bodyweight
Species	rabbit		
Source	ECHA		
3	ethylene dimethacrylate	97-90-5	202-617-2
LD50	>	2001	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		

Acute inhalational toxicity

No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
LC50		29.8	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Source	ECHA		

Skin corrosion/irritation

No	Substance name	CAS no.	EC no.
1	2-(N-methyl-p-toluidino)ethanol	2842-44-6	220-638-5
Species	rabbit		
Method	EPA OPPTS 870.2500		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Serious eye damage/irritation

No	Substance name	CAS no.	EC no.
1	2-Hydroxyethyl methacrylate	868-77-9	212-782-2
Species	rabbit		
Source	ECHA		
Evaluation	irritant		
2	2-(N-methyl-p-toluidino)ethanol	2842-44-6	220-638-5
Method	OECD 437		
Source	ECHA		

Trade name: WIDOCRYL-Concrete Primer PM**Current version:** 2.0.0, Revision: 23.04.2026**Replaced version:** 2.0.0, Revision: 27.02.2026**Region:** GB

Evaluation	Irritating to eyes
Evaluation/classification	Based on available data, the classification criteria are met.

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
Route of exposure		Skin	
Species		mouse	
Method		OECD 429	
Source		ECHA	
Evaluation		sensitizing	
2	2-Hydroxyethyl methacrylate	868-77-9	212-782-2
Route of exposure		Skin	
Species		guinea pig	
Method		Buehler	
Source		ECHA	
Evaluation		sensitizing	
3	ethylene dimethacrylate	97-90-5	202-617-2
Route of exposure		Skin	
Species		mouse	
Method		OECD 406	
Source		ECHA	
Evaluation		sensitizing	
Evaluation/classification		Based on available data, the classification criteria are met.	
4	2-(N-methyl-p-toluidino)ethanol	2842-44-6	220-638-5
Route of exposure		Skin	
Method		OECD 442D	
Source		ECHA	
Evaluation		sensitizing	
Evaluation/classification		Based on available data, the classification criteria are met.	

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	2-Hydroxyethyl methacrylate	868-77-9	212-782-2
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
3	2-(N-methyl-p-toluidino)ethanol	2842-44-6	220-638-5
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Reproduction toxicity	
No data available	

Carcinogenicity			
No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	2-Hydroxyethyl methacrylate	868-77-9	212-782-2
Route of exposure		inhalational	
NOAEC		>=	4.1 mg/l
Species		mouse	
Method		OECD 451	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

STOT - single exposure	

Trade name: WIDOCRYL-Concrete Primer PM**Current version:** 2.0.0, Revision: 23.04.2026**Replaced version:** 2.0.0, Revision: 27.02.2026**Region:** GB

No data available

STOT - repeated exposure

No	Substance name	CAS no.	EC no.
1	2-Hydroxyethyl methacrylate	868-77-9	212-782-2
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Aspiration hazard

No data available

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

No data available

Other information

No data available.

SECTION 12: Ecological information**12.1 Toxicity**

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	2-Hydroxyethyl methacrylate	868-77-9	212-782-2
LC50	>	100	mg/l
Duration of exposure		96	h
Species	Oryzias latipes		
Method	OECD 203		
Source	ECHA		
2	ethylene dimethacrylate	97-90-5	202-617-2
LC50		15.95	mg/l
Duration of exposure		96	h
Species	Danio rerio		
Method	OECD 203		
Source	ECHA		

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)

No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
EC50		69	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	EPA OTS 797.1300		
Source	ECHA		
2	2-Hydroxyethyl methacrylate	868-77-9	212-782-2
EC50		380	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
3	ethylene dimethacrylate	97-90-5	202-617-2
EC50		44.9	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	EU Method C.2		
Source	ECHA		
4	2-(N-methyl-p-toluidino)ethanol	2842-44-6	220-638-5

Trade name: WIDOCRYL-Concrete Primer PM

Current version: 2.0.0, Revision: 23.04.2026

Replaced version: 2.0.0, Revision: 27.02.2026

Region: GB

EC50	7.03	mg/l
Duration of exposure	48	h
Species	Daphnia magna	
Method	OECD 202	
Source	ECHA	

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
NOEC		37	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
2	2-Hydroxyethyl methacrylate	868-77-9	212-782-2
NOEC		49.6	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
3	ethylene dimethacrylate	97-90-5	202-617-2
NOEC		5.05	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
EC50	>	110	mg/l
Duration of exposure		72	h
Species	Raphidocelis subcapitata		
Method	OECD 201		
Source	ECHA		
2	2-Hydroxyethyl methacrylate	868-77-9	212-782-2
EC50		345	mg/l
Duration of exposure		72	h
Species	Scenedesmus capricornutum		
Method	OECD 201		
Source	ECHA		
3	ethylene dimethacrylate	97-90-5	202-617-2
EC50		17.3	mg/l
Duration of exposure		72	h
Species	Raphidocelis subcapitata		
Method	OECD 201		
Source	ECHA		
4	2-(N-methyl-p-toluidino)ethanol	2842-44-6	220-638-5
EC50		48.50	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	ECHA		

Toxicity to algae (chronic)	
No data available	

Bacteria toxicity			
No	Substance name	CAS no.	EC no.
1	ethylene dimethacrylate	97-90-5	202-617-2

Trade name: WIDOCRYL-Concrete Primer PM

Current version: 2.0.0, Revision: 23.04.2026

Replaced version: 2.0.0, Revision: 27.02.2026

Region: GB

EC50	570	mg/l
Duration of exposure	3	h
Species	Pseudomonas putida	
Method	OECD 209	
Source	ECHA	

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
Type		aerobic biodegradation	
Value	94	%	
Duration	14	day(s)	
Method	OECD 301 C		
Source	ECHA		
Evaluation	readily biodegradable		
2	2-Hydroxyethyl methacrylate	868-77-9	212-782-2
Type		BOD	
Value	92	- 100	%
Duration	14	day(s)	
Method	OECD 301 C		
Source	ECHA		
Evaluation	readily biodegradable		
3	ethylene dimethacrylate	97-90-5	202-617-2
Value	69	%	
Duration	28	d	
Method	OECD 301 F		
Source	ECHA		
Evaluation	The test material is readily biodegradable but failed the 10-day window requirement according to the definitions of OECD Guideline 301E.		
4	2-(N-methyl-p-toluidino)ethanol	2842-44-6	220-638-5
Type		aerobic biodegradation	
Value	22.7	%	
Duration	28	day(s)	
Method	OECD 301 B		
Source	ECHA		
Evaluation	not readily biodegradable		

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)			
No	Substance name	CAS no.	EC no.
1	ethylene dimethacrylate	97-90-5	202-617-2
BCF		21.9	
Method	Calculation model used (Q)SAR		
Source	ECHA		

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
log Pow	1.38		
Reference temperature	20	°C	
Source	ECHA		
2	2-Hydroxyethyl methacrylate	868-77-9	212-782-2
log Pow	0.42		
Reference temperature	25	°C	
Method	OECD 107		
Source	ECHA		
3	ethylene dimethacrylate	97-90-5	202-617-2

Trade name: WIDOCRYL-Concrete Primer PM

Current version: 2.0.0, Revision: 23.04.2026

Replaced version: 2.0.0, Revision: 27.02.2026

Region: GB

log Pow		2.4	
Reference temperature		20	°C
Method	OECD 117		
Source	ECHA		
4	2-(N-methyl-p-toluidino)ethanol	2842-44-6	220-638-5
log Pow	appr.	2.2	
Reference temperature		25	°C
Method	OECD 117		
Source	ECHA		

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information
Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information**14.1 UN number or ID number**

ADR/RID/ADN	UN1866
IMDG	UN1866
ICAO-TI / IATA	UN1866

14.2 UN proper shipping name

ADR/RID/ADN	RESIN SOLUTION
IMDG	RESIN SOLUTION
ICAO-TI / IATA	Resin solution

14.3 Transport hazard class(es)

ADR/RID/ADN - Class	3
Label	3
Classification code	F1
Tunnel restriction code	D/E
Hazard identification no.	33
Special Provision 640	640C
IMDG - Class	3
Label	3
ICAO-TI / IATA - Class	3

Trade name: WIDOCRYL-Concrete Primer PM

Current version: 2.0.0, Revision: 23.04.2026

Replaced version: 2.0.0, Revision: 27.02.2026

Region: GB

Label	3
14.4 Packing group	
ADR/RID/ADN	II
IMDG	II
ICAO-TI / IATA	II
14.5 Environmental hazards	
EmS	F-E, S-E
14.6 Special precautions for user	
No data available.	
14.7 Maritime transport in bulk according to IMO instruments	
Not relevant	

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. No 3, 40

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	2-Hydroxyethyl methacrylate	868-77-9	212-782-2	75
2	ethylene dimethacrylate	97-90-5	202-617-2	75
3	methyl-methacrylate	80-62-6	201-297-1	75

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is subject to Part I of Annex I, risk category: P5b

15.2 Chemical safety assessment

No data available.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

