

**Trade name:** WIDOCRYL-PM sealing, clear

**Current version :** 5.0.0, issued: 19.12.2024

**Replaced version:** 4.0.1, issued: 13.09.2024

**Region:** GB

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

### 1.1 Product identifier

**Trade name**

**WIDOCRYL-PM sealing, clear**

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

**Relevant identified uses of the substance or mixture**  
sealing

**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)**

Acute Tox. 4; H302  
Aquatic Chronic 3; H412  
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.

**Trade name:** WIDOCRYL-PM sealing, clear

**Current version :** 5.0.0, issued: 19.12.2024

**Replaced version:** 4.0.1, issued: 13.09.2024

**Region:** GB

## 2.2 Label elements

### 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-ethylhexyl acrylate  
 1,1'-(p-tolylimino)dipropan-2-ol  
 2,2'-ethylenedioxydiethyl dimethacrylate

#### Hazard statement(s)

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

#### Hazard statements (EU)

EUH208	Contains 2-(2H-benzotriazol-2-yl)-p-cresol. May produce an allergic reaction.
--------	---

#### Precautionary statement(s)

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection.
P370+P378	In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.
P501	Dispose of contents/container to a facility in accordance with local and national regulations.

## 2.3 Other hazards

This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

#### PBT assessment

According to the information provided in the supply chain: The product contains no components with > 0.1% that are considered PBT.

#### vPvB assessment

According to the information provided in the supply chain: The product contains no components with > 0.1% that are considered vPvB.

## 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

Trade name: WIDOCRYL-PM sealing, clear

Current version : 5.0.0, issued: 19.12.2024

Replaced version: 4.0.1, issued: 13.09.2024

Region: GB

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	<b>methyl-methacrylate</b>			
	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	>= 70.00 - < 90.00	wt%
2	<b>2-ethylhexyl acrylate</b>			
	103-11-7 203-080-7 607-107-00-7 01-2119453158-37	Skin Irrit. 2; H315 Skin Sens. 1B; H317 STOT SE 3; H335 Aquatic Chronic 3; H412	>= 5.00 - < 10.00	wt%
3	<b>1,1'-(p-tolylimino)dipropen-2-ol</b>			
	38668-48-3 254-075-1 - 01-2119980937-17	Acute Tox. 2; H300 Aquatic Chronic 3; H412 Eye Irrit. 2; H319	< 5.00	wt%
4	<b>2,2'-ethylenedioxydiethyl dimethacrylate</b>			
	109-16-0 203-652-6 - 01-2119969287-21	Skin Sens. 1B; H317	< 5.00	wt%
5	<b>2-(2H-benzotriazol-2-yl)-p-cresol</b>			
	2440-22-4 219-470-5 - 01-2119583811-34	Aquatic Chronic 1; H410 Skin Sens. 1B; H317	>= 0.25 - < 1.00	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	-	-	-
2	D	-	-	-
4	D	-	-	-
5	-	-	-	M = 1

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)".

Acute toxicity estimate (ATE) values			
No	oral	dermal	inhalative
3	26 mg/kg bodyweight		

## 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

**Trade name:** WIDOCRYL-PM sealing, clear

**Current version :** 5.0.0, issued: 19.12.2024

**Replaced version:** 4.0.1, issued: 13.09.2024

**Region:** GB

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). 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 (CO<sub>2</sub>); 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.

## 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**

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**

Trade name: WIDOCRYL-PM sealing, clear

Current version : 5.0.0, issued: 19.12.2024

Replaced version: 4.0.1, issued: 13.09.2024

Region: GB

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**

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

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

No	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value
1	<b>methyl-methacrylate</b>			<b>80-62-6</b> <b>201-297-1</b>
	dermal	Short term (acute)	local	1.5 mg/cm <sup>2</sup>
	dermal	Long term (chronic)	systemic	13.67 mg/kg
	dermal	Long term (chronic)	local	1.5 mg/cm <sup>2</sup>
	inhalative	Long term (chronic)	systemic	348.4 mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	208 mg/m <sup>3</sup>
	inhalative	Short term (acute)	local	416 mg/m <sup>3</sup>
2	<b>2-ethylhexyl acrylate</b>			<b>103-11-7</b> <b>203-080-7</b>
	inhalative	Long term (chronic)	local	38 mg/m <sup>3</sup>
	inhalative	Short term (acute)	local	38 mg/m <sup>3</sup>
3	<b>1,1'-(p-tolylimino)dipropan-2-ol</b>			<b>38668-48-3</b> <b>254-075-1</b>

Trade name: WIDOCRYL-PM sealing, clear

Current version : 5.0.0, issued: 19.12.2024

Replaced version: 4.0.1, issued: 13.09.2024

Region: GB

	dermal	Long term (chronic)	systemic	0.70	mg/kg/day
	inhalative	Long term (chronic)	systemic	2.47	mg/m <sup>3</sup>
4	<b>2,2'-ethylenedioxydiethyl dimethacrylate</b>			<b>109-16-0 203-652-6</b>	
	dermal	Long term (chronic)	systemic	13.9	mg/kg bw/day
	inhalative	Long term (chronic)	systemic	48,5	mg/m <sup>3</sup>
5	<b>2-(2H-benzotriazol-2-yl)-p-cresol</b>			<b>2440-22-4 219-470-5</b>	
	dermal	Long term (chronic)	systemic	2.5	mg/kg/day
	inhalative	Long term (chronic)	systemic	1	mg/m <sup>3</sup>
	inhalative	Short term (acut)	systemic	1	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	1	mg/m <sup>3</sup>

**DNEL value (consumer)**

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	<b>methyl-methacrylate</b>			<b>80-62-6 201-297-1</b>	
	oral	Long term (chronic)	systemic	8.2	mg/kg bw/day
	dermal	Short term (acut)	local	1.5	mg/cm <sup>2</sup>
	dermal	Long term (chronic)	systemic	8.2	mg/kg
	dermal	Long term (chronic)	local	1.5	mg/cm <sup>2</sup>
	inhalative	Long term (chronic)	systemic	74.3	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	104	mg/m <sup>3</sup>
	inhalative	Short term (acut)	local	208	mg/m <sup>3</sup>
2	<b>1,1'-(p-tolylimino)dipropan-2-ol</b>			<b>38668-48-3 254-075-1</b>	
	oral	Long term (chronic)	systemic	0.25	mg/kg/day
3	<b>2,2'-ethylenedioxydiethyl dimethacrylate</b>			<b>109-16-0 203-652-6</b>	
	oral	Long term (chronic)	systemic	8,33	mg/kg bw/day
	dermal	Long term (chronic)	systemic	8,33	mg/kg bw/day
	inhalative	Long term (chronic)	systemic	14,5	mg/m <sup>3</sup>
4	<b>2-(2H-benzotriazol-2-yl)-p-cresol</b>			<b>2440-22-4 219-470-5</b>	
	oral	Long term (chronic)	systemic	1.2	mg/kg/day
	dermal	Long term (chronic)	systemic	1.2	mg/kg/day

**PNEC values**

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	<b>methyl-methacrylate</b>		<b>80-62-6 201-297-1</b>	
	water	fresh water	0.94	mg/L
	water	marine water	0.094	mg/L
	water	fresh water sediment	10.2	mg/kg
	water	marine water sediment	1.02	mg/kg dry weight
	soil	-	1.48	mg/kg dry weight
	sewage treatment plant	-	10	mg/L
2	<b>2-ethylhexyl acrylate</b>		<b>103-11-7 203-080-7</b>	
	water	fresh water	2.72	µg/L
	water	marine water	0.272	µg/L
	water	fresh water sediment	0.108	mg/kg dry weight
	water	marine water sediment	10.8	µg/kg dry weight

**Trade name:** WIDOCRYL-PM sealing, clear

**Current version :** 5.0.0, issued: 19.12.2024

**Replaced version:** 4.0.1, issued: 13.09.2024

**Region:** GB

	soil	-	1	mg/kg dry weight
	sewage treatment plant	-	2.3	mg/L
3	<b>1,1'-(p-tolylimino)dipropan-2-ol</b>		<b>38668-48-3</b> <b>254-075-1</b>	
	water	fresh water	0.13	mg/L
	water	fresh water sediment	4.38	mg/kg dry weight
	water	marine water	0.013	mg/L
	water	marine water sediment	0.438	mg/kg dry weight
	soil	-	0.798	mg/kg
	sewage treatment plant	-	3	mg/L
4	<b>2,2'-ethylenedioxydiethyl dimethacrylate</b>		<b>109-16-0</b> <b>203-652-6</b>	
	water	fresh water	0,016	mg/L
	water	marine water	0.002	mg/L
	soil	-	0,027	mg/kg dry weight
	sewage treatment plant	-	1.7	mg/L
5	<b>2-(2H-benzotriazol-2-yl)-p-cresol</b>		<b>2440-22-4</b> <b>219-470-5</b>	
	water	fresh water	0	mg/L
	water	marine water	0	mg/L
	water	fresh water sediment	0.136	mg/kg dry weight
	water	marine water sediment	0.014	mg/kg dry weight
	soil	-	100	mg/kg dry weight
	sewage treatment plant	-	1	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

#### Other

fire-resistant protective clothing

### Environmental exposure controls

No data available.

Trade name: WIDOCRYL-PM sealing, clear

Current version : 5.0.0, issued: 19.12.2024

Replaced version: 4.0.1, issued: 13.09.2024

Region: GB

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

<b>State of aggregation</b>	
liquid	
<b>Form</b>	
liquid	
<b>Colour</b>	
blue	
<b>Odour</b>	
of acrylate	
<b>Odour threshold</b>	
Value	0.05 ppm
Source	supplier
<b>pH value</b>	
reason for missing pH	substance/mixture is non-soluble (in water)
<b>Boiling point / boiling range</b>	
Value	101 °C
Method	DIN 51751
Reference substance	Methyl methacrylate
<b>Melting point/freezing point</b>	
Value	-48 °C
Reference substance	Methyl methacrylate
<b>Decomposition temperature</b>	
No data available	
<b>Flash point</b>	
Value	10 °C
Source	supplier
<b>Ignition temperature</b>	
No data available	
<b>Flammability</b>	
No data available	
<b>Lower explosion limit</b>	
Value	2.1 % vol
Reference substance	Methyl methacrylate
<b>Upper explosion limit</b>	
Value	12.5 % vol
Reference substance	Methyl methacrylate
<b>Vapour pressure</b>	
Value	37 hPa
Reference temperature	20 °C
Reference substance	Methyl methacrylate
Source	supplier
<b>Relative vapour density</b>	
No data available	
<b>Relative density</b>	
No data available	



Trade name: WIDOCRYL-PM sealing, clear

Current version : 5.0.0, issued: 19.12.2024

Replaced version: 4.0.1, issued: 13.09.2024

Region: GB

Density	
Value	0.99 - 1.1 g/cm <sup>3</sup>
Source	supplier

Solubility in water	
Comments	insoluble

Solubility	
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-ethylhexyl acrylate	103-11-7	203-080-7
log Pow		4.64	
Reference temperature		25 °C	
Method		OECD 107	
Source		ECHA	
3	1,1'-(p-tolylimino)dipropan-2-ol	38668-48-3	254-075-1
log Pow		2.1	
Reference temperature		24 °C	
Method		OECD 107	
Source		ECHA	
4	2,2'-ethylenedioxydiethyl dimethacrylate	109-16-0	203-652-6
log Pow		2.3	
Method		OECD 117	
Source		ECHA	
5	2-(2H-benzotriazol-2-yl)-p-cresol	2440-22-4	219-470-5
log Pow		4.2	
Reference temperature		25 °C	
with reference to		pH: 6.3	
Method		OECD 107	
Source		ECHA	

Kinematic viscosity	
Value	140 - 180 mPa*s
Reference temperature	25 °C
Type	kinematic

Particle characteristics	
No data available	

## 9.2 Other information

Other information	
EU Directive 2004/42	
< 500 g/	
I	
VOC: 2004/42/IIA/(j)(500)<500	

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

Stable if stored and handled properly.

Trade name: WIDOCRYL-PM sealing, clear

Current version : 5.0.0, issued: 19.12.2024

Replaced version: 4.0.1, issued: 13.09.2024

Region: GB

**10.3 Possibility of hazardous reactions**

Polymerization upon exposure to white light, ultraviolet light or heat. Polymerization is highly exothermic and may produce sufficient heat to cause thermal decomposition and/or rupture of the container.

**10.4 Conditions to avoid**

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

**10.5 Incompatible materials**

Peroxides; Amines; 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 (result of the ATE calculation for the mixture)	
Product Name	
WIDOCRYL-PM sealing, clear	
ATE (Mixture)	1040.00 mg/kg
Method	Calculation method according Regulation (EC) No 1272/2008, (CLP), annex I, part 3, section 3.1.3.6.

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	2-ethylhexyl acrylate	103-11-7	203-080-7
LD50		4435	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	1,1'-(p-tolylimino)dipropan-2-ol	38668-48-3	254-075-1
LD50	> 25	- 200	mg/kg bodyweight
Species	rat		
Method	OECD 423		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are met.		
3	2-(2H-benzotriazol-2-yl)-p-cresol	2440-22-4	219-470-5
LD50		10000	mg/kg bodyweight
Species	rat		
Method	OECD 423		
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-ethylhexyl acrylate	103-11-7	203-080-7
LD50		7522	mg/kg bodyweight
Species	rabbit		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
3	1,1'-(p-tolylimino)dipropan-2-ol	38668-48-3	254-075-1
LD50	>	2000	mg/kg bodyweight
Species	rat		

Trade name: WIDOCRYL-PM sealing, clear

Current version : 5.0.0, issued: 19.12.2024

Replaced version: 4.0.1, issued: 13.09.2024

Region: GB

Method	OECD 402
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	<b>methyl-methacrylate</b>	<b>80-62-6</b>	<b>201-297-1</b>
LC50		29.8	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Source	ECHA		
2	<b>2-(2H-benzotriazol-2-yl)-p-cresol</b>	<b>2440-22-4</b>	<b>219-470-5</b>
LC50	>	0.59	mg/l
Duration of exposure		4	h
State of aggregation	Dust		
Species	rat		
Method	OECD 403		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	<b>1,1'-(p-tolylimino)dipropan-2-ol</b>	<b>38668-48-3</b>	<b>254-075-1</b>
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	<b>2,2'-ethylenedioxydiethyl dimethacrylate</b>	<b>109-16-0</b>	<b>203-652-6</b>
Duration of exposure		72	h
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		
3	<b>2-(2H-benzotriazol-2-yl)-p-cresol</b>	<b>2440-22-4</b>	<b>219-470-5</b>
Duration of exposure		24	h
Species	rat		
Method	US FDA - Appraisal of the Safety of Chemicals in Foods, Drugs and Cosmetics		
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	<b>1,1'-(p-tolylimino)dipropan-2-ol</b>	<b>38668-48-3</b>	<b>254-075-1</b>
Duration of exposure		24	h
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	Irritating to eyes		
Evaluation/classification	Based on available data, the classification criteria are met.		
2	<b>2,2'-ethylenedioxydiethyl dimethacrylate</b>	<b>109-16-0</b>	<b>203-652-6</b>
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Trade name: WIDOCRYL-PM sealing, clear

Current version : 5.0.0, issued: 19.12.2024

Replaced version: 4.0.1, issued: 13.09.2024

Region: GB

3	2-(2H-benzotriazol-2-yl)-p-cresol	2440-22-4	219-470-5
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not 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	1,1'-(p-tolylimino)dipropan-2-ol	38668-48-3	254-075-1
Route of exposure		Skin	
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		
Evaluation/classification	Based on available data, the classification criteria are not met.		
3	2,2'-ethylenedioxydiethyl dimethacrylate	109-16-0	203-652-6
Route of exposure		Skin	
Species	mouse		
Method	OECD 429		
Source	ECHA		
Evaluation	sensitizing		
Evaluation/classification	Based on available data, the classification criteria are met.		
4	2-(2H-benzotriazol-2-yl)-p-cresol	2440-22-4	219-470-5
Route of exposure		Skin	
Species	Guinea pig		
Method	OECD 406		
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	1,1'-(p-tolylimino)dipropan-2-ol	38668-48-3	254-075-1
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
3	2,2'-ethylenedioxydiethyl dimethacrylate	109-16-0	203-652-6
Method	OECD 471		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
4	2-(2H-benzotriazol-2-yl)-p-cresol	2440-22-4	219-470-5
Type of examination	in vitro gene mutation study in mammalian cells		
Species	Chinese hamster Ovary (CHO)		
Method	OECD 476		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Type of examination	in vitro gene mutation study in bacteria		
Species	S. typhimurium TA 1535, TA 1537, TA 98 and TA 100		
Method	OECD 471		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

**Trade name:** WIDOCRYL-PM sealing, clear**Current version :** 5.0.0, issued: 19.12.2024**Replaced version:** 4.0.1, issued: 13.09.2024**Region:** GB

Route of exposure	oral
Type of examination	In vivo mammalian somatic cell study: cytogenicity / erythrocyte micronucleus
Species	hamster
Method	OECD 474
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
Route of exposure	oral
Type of examination	Mammalian bone marrow micronucleus (in vivo)
Species	hamster
Method	OECD 475
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	1,1'-(p-tolylimino)dipropan-2-ol	38668-48-3	254-075-1
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	2,2'-ethylenedioxydiethyl dimethacrylate	109-16-0	203-652-6
Method		OECD 422	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
3	2-(2H-benzotriazol-2-yl)-p-cresol	2440-22-4	219-470-5
Route of exposure		oral	
NOEL		>= 300 mg/kg bw/d	
Type of examination		Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test	
Species		rat	
Method		OECD 422	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Route of exposure		oral	
NOEL		>= 1000 mg/kg bw/d	
Type of examination		Prenatal Developmental Toxicity Study	
Species		rat	
Method		OECD 414	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

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-(2H-benzotriazol-2-yl)-p-cresol	2440-22-4	219-470-5
Route of exposure		oral	
NOEL		>= 3000 ppm	
Duration of exposure		104 week/s	
Species		rat	
Method		OECD 452	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Route of exposure		oral	
NOEL		500 ppm	
Duration of exposure		24 months	
Species		mouse	
Method		OECD 451	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Trade name: WIDOCRYL-PM sealing, clear

Current version : 5.0.0, issued: 19.12.2024

Replaced version: 4.0.1, issued: 13.09.2024

Region: GB

STOT - single exposure			
No data available			
STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
1	1,1'-(p-tolylimino)dipropan-2-ol	38668-48-3	254-075-1
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	2,2'-ethylenedioxydiethyl dimethacrylate	109-16-0	203-652-6
Method		OECD 422	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
3	2-(2H-benzotriazol-2-yl)-p-cresol	2440-22-4	219-470-5
Route of exposure		oral	
NOEL		1000	ppm
Duration of exposure		90	day(s)
Species		dog	
Method		OECD 409	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Aspiration hazard			
No data available			
Endocrine disrupting properties			
No data available			

## 11.2 Information on other hazards

### 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-ethylhexyl acrylate	103-11-7	203-080-7
LC50		1.81	mg/l
Duration of exposure		96	h
Species		Oncorhynchus mykiss	
Method		OECD 203	
Source		ECHA	
2	1,1'-(p-tolylimino)dipropan-2-ol	38668-48-3	254-075-1
LC50		17	mg/l
Duration of exposure		96	h
Species		Danio rerio	
Source		ECHA	
3	2,2'-ethylenedioxydiethyl dimethacrylate	109-16-0	203-652-6
LC50		16.4	mg/l
Duration of exposure		96	h
Species		Danio rerio	
Method		OECD 203	
Source		ECHA	
4	2-(2H-benzotriazol-2-yl)-p-cresol	2440-22-4	219-470-5
LC50		>	0.17 mg/l
Duration of exposure		96	h
Species		Oncorhynchus mykiss	
Method		OECD 203	
Source		ECHA	

Trade name: WIDOCRYL-PM sealing, clear

Current version : 5.0.0, issued: 19.12.2024

Replaced version: 4.0.1, issued: 13.09.2024

Region: GB

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-ethylhexyl acrylate	103-11-7	203-080-7
EC50		1.3	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
3	1,1'-(p-tolylimino)dipropan-2-ol	38668-48-3	254-075-1
EC50		28.8	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
4	2-(2H-benzotriazol-2-yl)-p-cresol	2440-22-4	219-470-5
EC50	>	1000	mg/l
Duration of exposure		24	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-ethylhexyl acrylate	103-11-7	203-080-7
NOEC		1.6	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
3	2,2'-ethylenedioxydiethyl dimethacrylate	109-16-0	203-652-6
NOEC		32	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
4	2-(2H-benzotriazol-2-yl)-p-cresol	2440-22-4	219-470-5
NOEC		0.013	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

Trade name: WIDOCRYL-PM sealing, clear

Current version : 5.0.0, issued: 19.12.2024

Replaced version: 4.0.1, issued: 13.09.2024

Region: GB

EC50	>	110	mg/l
Duration of exposure		72	h
Species	Raphidocelis subcapitata		
Method	OECD 201		
Source	ECHA		
<b>2</b>	<b>2-ethylhexyl acrylate</b>	<b>103-11-7</b>	<b>203-080-7</b>
ErC50		1.71	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	ECHA		
<b>3</b>	<b>1,1'-(p-tolylimino)dipropan-2-ol</b>	<b>38668-48-3</b>	<b>254-075-1</b>
EC50		245	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	ECHA		
<b>4</b>	<b>2,2'-ethylenedioxydiethyl dimethacrylate</b>	<b>109-16-0</b>	<b>203-652-6</b>
EC50	>	100	mg/l
Duration of exposure		72	h
Species	Raphidocelis subcapitata		
Method	OECD 201		
Source	ECHA		
<b>5</b>	<b>2-(2H-benzotriazol-2-yl)-p-cresol</b>	<b>2440-22-4</b>	<b>219-470-5</b>
ErC50	>	82.2	µg/l
Duration of exposure		72	h
Species	Raphidocelis subcapitata		
Method	OECD 201		
Source	ECHA		

**Toxicity to algae (chronic)**

No data available

**Bacteria toxicity**

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>2-(2H-benzotriazol-2-yl)-p-cresol</b>	<b>2440-22-4</b>	<b>219-470-5</b>
EC50	>	100	mg/l
Duration of exposure		3	h
Species	activated sludge		
Method	OECD 209		
Source	ECHA		

**12.2 Persistence and degradability**

<b>Biodegradability</b>			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>methyl-methacrylate</b>	<b>80-62-6</b>	<b>201-297-1</b>
Type	aerobic biodegradation		
Value		94	%
Duration		14	day(s)
Method	OECD 301 C		
Source	ECHA		
Evaluation	readily biodegradable		
<b>2</b>	<b>2-ethylhexyl acrylate</b>	<b>103-11-7</b>	<b>203-080-7</b>
Type	aerobic biodegradation		
Value	70	- 80	%
Duration		28	day(s)
Method	92/69/EEC C.4-D		
Source	ECHA		
Evaluation	readily biodegradable		
<b>3</b>	<b>1,1'-(p-tolylimino)dipropan-2-ol</b>	<b>38668-48-3</b>	<b>254-075-1</b>



Trade name: WIDOCRYL-PM sealing, clear

Current version : 5.0.0, issued: 19.12.2024

Replaced version: 4.0.1, issued: 13.09.2024

Region: GB

Type	aerobic biodegradation		
Value	39.1	%	
Duration	28	day(s)	
Method	OECD 301 B		
Source	ECHA		
Evaluation	inherently biodegradable		
<b>4</b>	<b>2,2'-ethylenedioxydiethyl dimethacrylate</b>	<b>109-16-0</b>	<b>203-652-6</b>
Type	aerobic biodegradation		
Value	85	%	
Duration	28	day(s)	
Method	OECD 301 B		
Source	ECHA		
Evaluation	readily biodegradable		
<b>5</b>	<b>2-(2H-benzotriazol-2-yl)-p-cresol</b>	<b>2440-22-4</b>	<b>219-470-5</b>
Type	aerobic biodegradation		
Value	2	%	
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	2-(2H-benzotriazol-2-yl)-p-cresol	2440-22-4	219-470-5
BCF		1456 - 1623	
Species	Oncorhynchus mykiss		
Method	OECD 305		
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		
<b>2</b>	<b>2-ethylhexyl acrylate</b>	<b>103-11-7</b>	<b>203-080-7</b>
log Pow		4.64	
Reference temperature		25	°C
Method	OECD 107		
Source	ECHA		
<b>3</b>	<b>1,1'-(p-tolylimino)dipropan-2-ol</b>	<b>38668-48-3</b>	<b>254-075-1</b>
log Pow		2.1	
Reference temperature		24	°C
Method	OECD 107		
Source	ECHA		
<b>4</b>	<b>2,2'-ethylenedioxydiethyl dimethacrylate</b>	<b>109-16-0</b>	<b>203-652-6</b>
log Pow		2.3	
Method	OECD 117		
Source	ECHA		
<b>5</b>	<b>2-(2H-benzotriazol-2-yl)-p-cresol</b>	<b>2440-22-4</b>	<b>219-470-5</b>
log Pow		4.2	
Reference temperature		25	°C
with reference to	pH: 6.3		
Method	OECD 107		
Source	ECHA		

### 12.4 Mobility in soil

No data available.

**Trade name:** WIDOCRYL-PM sealing, clear

**Current version :** 5.0.0, issued: 19.12.2024

**Replaced version:** 4.0.1, issued: 13.09.2024

**Region:** GB

## 12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
Product Name	
WIDOCRYL-PM sealing, clear	
PBT assessment	According to the information provided in the supply chain: The product contains no components with > 0.1% that are considered PBT.
vPvB assessment	According to the information provided in the supply chain: The product contains no components with > 0.1% that are considered vPvB.

## 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

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  
 Label 3

### 14.4 Packing group

ADR/RID/ADN II

IMDG II

ICAO-TI / IATA II

Trade name: WIDOCRYL-PM sealing, clear

Current version : 5.0.0, issued: 19.12.2024

Replaced version: 4.0.1, issued: 13.09.2024

Region: GB

**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	2,2'-ethylenedioxydiethyl dimethacrylate	109-16-0	203-652-6	75
2	2-ethylhexyl acrylate	103-11-7	203-080-7	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

**Other regulations**

Adhere to the national sanitary and occupational safety regulations when using this product. Employment restrictions, according to the regulations for protection of expectant and nursing mothers and the youth health and safety regulations, serving to protect against hazardous materials, should be observed.

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out for this mixture.

**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)**

H300	Fatal if swallowed.
H319	Causes serious eye irritation.
H410	Very toxic to aquatic life with long lasting effects.

---

**Trade name:** WIDOCRYL-PM sealing, clear

**Current version :** 5.0.0, issued: 19.12.2024

**Replaced version:** 4.0.1, issued: 13.09.2024

**Region:** GB

---

**Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)**

D

Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.

**Creation of the safety data sheet**

UMCO GmbH

Georg-Wilhelm-Str. 187, D-21107 Hamburg

Tel.: +49 40 / 555 546 300 Fax: +49 40 / 555 546 357 e-mail: umco@umco.de

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

Document protected by copyright. Alterations or reproductions require the express written permission of UMCO GmbH.

Prod-ID 609773