

**Trade name:** WIDOCRYL-Roller Coating

**Current version :** 3.0.0, issued: 15.12.2023

**Replaced version:** 2.3.0, issued: 03.11.2022

**Region:** GB

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

### 1.1 Product identifier

**Trade name**

**WIDOCRYL-Roller Coating**

**Form**

**Contains Nanoforms**

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

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

**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)**

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.

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GHS02



GHS07

**Signal word**

Danger

**Hazardous component(s) to be indicated on label:**

methyl-methacrylate

2-ethylhexyl acrylate

2,2'-ethylenedioxydiethyl dimethacrylate

**Hazard statement(s)**

H225

Highly flammable liquid and vapour.

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-Hydroxyethyl methacrylate, 2-(2H-benzotriazol-2-yl)-p-cresol, Reaction mass of 2,2'-[(4-methylphenyl)imino]bisethanol and 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]-ethanol, dodecane-1-thiol. May produce an allergic reaction.

**Precautionary statement(s)**

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261

Avoid breathing vapours/spray.

P312

Call a POISON CENTER/doctor if you feel unwell.

P333+P313

If skin irritation or rash occurs: Get medical advice/attention.

P370+P378

In case of fire: Use water spray, carbon dioxide, dry chemical or foam to extinguish.

P403+P233

Store in a well-ventilated place. Keep container tightly closed.

P501

Dispose of contents/container to a facility in accordance with local and national regulations.

**2.3 Other hazards**

PBT assessment

No data available.

vPvB assessment

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		

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	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	<b>Quartz (SiO<sub>2</sub>)</b>			
	14808-60-7 238-878-4 - -	STOT RE 2; H373i	>= 5.00 - < 10.00	wt%
3	<b>2-ethylhexyl acrylate</b>			
	103-11-7 203-080-7 607-107-00-7 01-2119453158-37	Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H335	>= 5.00 - < 10.00	wt%
4	<b>2,2'-ethylenedioxydiethyl dimethacrylate</b>			
	109-16-0 203-652-6 - 01-2119969287-21	Skin Sens. 1B; H317	< 2.50	wt%
5	<b>2-Hydroxyethyl methacrylate</b>			
	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	< 0.50	wt%
6	<b>2-(2H-benzotriazol-2-yl)-p-cresol</b>			
	2440-22-4 219-470-5 - -	Aquatic Chronic 4; H413 Skin Sens. 1; H317	< 0.50	wt%
7	<b>Reaction mass of 2,2'-[(4-methylphenyl)imino]bisethanol and 2-[[2-(2-hydroxyethoxy)ethyl]-(4-methylphenyl)amino]-ethanol</b>			
	- 911-490-9 - 01-2119979579-10	Acute Tox. 4; H302 Aquatic Chronic 3; H412 Eye Dam. 1; H318 Skin Irrit. 2; H315 Skin Sens. 1; H317	< 0.50	wt%
8	<b>dodecane-1-thiol</b>			
	112-55-0 203-984-1 - 01-2119491318-31	Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	< 0.10	wt%
9	<b>Silicon dioxide (amorphous)</b>			
	112945-52-5 231-545-4 - 01-2119379499-16	-	>= 10.00 - < 25.00	wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	D	-	-	-
4	D	-	-	-
8	-	-	M = 10	M = 10

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)".

No	Route, target organ, concrete effect
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2	H373i inhalational; -, -
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**3.3 Other information**

112945-52-5 Silicon dioxide, chemically obtained: spheroidal nanoform, the size of the primary structures is in the range of 2.5 - 50 nm (d50, number-based). The primary structures occur as aggregates without phase boundaries, loosely coalescing into agglomerates.

Crystallinity: Amorphous

Specific surface area: 200 m<sup>2</sup>/g

No surface treatment

**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**

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

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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**

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.

**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

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	WEL long-term (8-hr TWA reference period)	208	mg/m <sup>3</sup>	50	ppm
<b>2</b>	<b>Silicon dioxide (amorphous)</b>	<b>112945-52-5</b>		<b>231-545-4</b>	
	<b>List of approved workplace exposure limits (WELs) / EH40</b>				
	Silica, amorphous inhalable dust				
	WEL long-term (8-hr TWA reference period)	6	mg/m <sup>3</sup>		
	<b>List of approved workplace exposure limits (WELs) / EH40</b>				
	Silica, amorphous respirable dust				
	WEL long-term (8-hr TWA reference period)	2.4	mg/m <sup>3</sup>		
<b>3</b>	<b>Quartz (SiO<sub>2</sub>)</b>	<b>14808-60-7</b>		<b>238-878-4</b>	
	<b>2004/37/EC</b>				
	Respirable crystalline silica dust				
	WEL long-term (8-hr TWA reference period)	0,1 (9 )	mg/m <sup>3</sup>		

**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>	
	dermal	Short term (acute)	local	0.242	mg/cm <sup>2</sup>
	inhalative	Short term (acute)	local	37.5	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	37.5	mg/m <sup>3</sup>
3	<b>2,2'-ethylenedioxydiethyl dimethacrylate</b>			<b>109-16-0</b> <b>203-652-6</b>	
	dermal	Long term (chronic)	systemic	13.9	mg/kg/day
	inhalative	Long term (chronic)	systemic	48,5	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</b> <b>201-297-1</b>	
	oral	Long term (chronic)	systemic	8.2	mg/kg bw/day
	dermal	Short term (acute)	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 (acute)	local	208	mg/m <sup>3</sup>
2	<b>2-ethylhexyl acrylate</b>			<b>103-11-7</b> <b>203-080-7</b>	
	dermal	Short term (acute)	local	0.242	mg/cm <sup>2</sup>
	inhalative	Short term (acute)	local	4.5	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	4.5	mg/m <sup>3</sup>
3	<b>2,2'-ethylenedioxydiethyl dimethacrylate</b>			<b>109-16-0</b> <b>203-652-6</b>	
	oral	Long term (chronic)	systemic	8,33	mg/kg
	dermal	Long term (chronic)	systemic	8,33	mg/kg
	inhalative	Long term (chronic)	systemic	14,5	mg/m <sup>3</sup>

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No	Substance name	CAS / EC no
	ecological compartment      Type	Value
1	<b>methyl-methacrylate</b>	<b>80-62-6</b> <b>201-297-1</b>
	water      fresh water	0.94      mg/L
	water      marine water	0.094      mg/L
	water      Aqua intermittent	0.94      mg/L
	water      fresh water sediment	10.2      mg/kg
	water      marine water sediment	0.102      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</b> <b>203-080-7</b>
	water      fresh water	0.00272      mg/L
	water      marine water	0.00027      mg/L
	water      fresh water sediment	0.126      mg/kg
	soil      -	1      mg/kg
	sewage treatment plant      -	2.3      mg/L
3	<b>2,2'-ethylenedioxydiethyl dimethacrylate</b>	<b>109-16-0</b> <b>203-652-6</b>
	water      fresh water	0.16      mg/L
	water      marine water	0.002      mg/L
	water      fresh water sediment	0.185      mg/kg dry weight
	water      marine water sediment	0.018      mg/kg dry weight
	soil      -	0,027      mg/kg dry weight
	sewage treatment plant      -	1.7      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.

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<b>State of aggregation</b>		
liquid		
<b>Colour</b>		
color pigmented		
<b>Odour</b>		
of acrylate		
<b>pH value</b>		
No data available		
<b>Boiling point / boiling range</b>		
Value	101	°C
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	12	°C
Reference substance	Methyl methacrylate	
<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	38.7	mbar
Reference substance	Methyl methacrylate	
<b>Relative vapour density</b>		
No data available		
<b>Relative density</b>		
No data available		
<b>Density</b>		
No data available		
<b>Solubility in water</b>		
Comments	insoluble	
<b>Solubility</b>		
No data available		
<b>Partition coefficient n-octanol/water (log value)</b>		



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1	methyl-methacrylate	80-62-6	201-297-1
log Pow		1.38	
Reference temperature		20	°C
Source		ECHA	
2	2,2'-ethylenedioxydiethyl dimethacrylate	109-16-0	203-652-6
log Pow		2.3	
Method		OECD 117	
Source		ECHA	

**Kinematic viscosity**

No data available

**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**

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 light.

**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**

No data available

**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	

**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	

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Species	rat
Source	ECHA

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	2,2'-ethylenedioxydiethyl dimethacrylate	109-16-0	203-652-6
Duration of exposure		24	h
Species		rabbit	
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	2,2'-ethylenedioxydiethyl dimethacrylate	109-16-0	203-652-6
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	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.	

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	2,2'-ethylenedioxydiethyl dimethacrylate	109-16-0	203-652-6
Duration of exposure		4	h
Type of examination		in vitro gene mutation study in mammalian cells	
Species		Chinese hamster lung (CHL)	
Method		OECD 476	
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.	

STOT - single exposure	
No data available	

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No data available

**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	methyl-methacrylate	80-62-6	201-297-1
LC50	>	79	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		
2	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		

**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	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	2,2'-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		

**Toxicity to algae (acute)**

No	Substance name	CAS no.	EC no.
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1	methyl-methacrylate	80-62-6	201-297-1
EC50	>	110	mg/l
Duration of exposure		72	h
Species	Selenastrum capricornutum		
Method	OECD 201		
Source	ECHA		
2	2,2'-ethylenedioxydiethyl dimethacrylate	109-16-0	203-652-6
EC50	>	100	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		

**Toxicity to algae (chronic)**

No data available

**Bacteria toxicity**

No data available

**12.2 Persistence and degradability**

Biodegradability			
No	Substance name	CAS no.	EC no.
1	methyl-methacrylate	80-62-6	201-297-1
Value		94	%
Duration		14	day(s)
Method	OECD 301 C		
Source	ECHA		
Evaluation	readily biodegradable		
2	2,2'-ethylenedioxydiethyl dimethacrylate	109-16-0	203-652-6
Type	aerobic biodegradation		
Value		85	%
Duration		28	day(s)
Method	OECD 301 B		
Source	ECHA		

**12.3 Bioaccumulative potential**

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	2,2'-ethylenedioxydiethyl dimethacrylate	109-16-0	203-652-6
log Pow		2.3	
Method	OECD 117		
Source	ECHA		

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

Results of PBT and vPvB assessment	
PBT assessment	No data available.
vPvB assessment	No data available.

**12.6 Endocrine disrupting properties**

No data available.

**12.7 Other adverse effects**

No data available.

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Do not discharge product unmonitored into the environment.

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

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. 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 Transport ADR/RID/ADN**

Class	3
Classification code	F1
Packing group	II
Hazard identification no.	33
UN number	UN1866
Proper shipping name	RESIN SOLUTION
Special Provision 640	640C
Tunnel restriction code	D/E
Label	3

**14.2 Transport IMDG**

Class	3
Packing group	II
UN number	UN1866
Proper shipping name	RESIN SOLUTION
EmS	F-E, S-E
Label	3

**14.3 Transport ICAO-TI / IATA**

Class	3
Packing group	II
UN number	UN1866
Proper shipping name	Resin solution
Label	3

**14.4 Other information**

No data available.

**14.5 Environmental hazards**

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

**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**

**Trade name:** WIDOCRYL-Roller Coating**Current version :** 3.0.0, issued: 15.12.2023**Replaced version:** 2.3.0, issued: 03.11.2022**Region:** GB**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-ethylhexyl acrylate	103-11-7	203-080-7	75
2	2-Hydroxyethyl methacrylate	868-77-9	212-782-2	75
3	mequinol	150-76-5	205-769-8	75
4	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**

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)**

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H373i	May cause damage to organs through prolonged or repeated exposure if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

**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'.
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**Creation of the safety data sheet**

UMCO GmbH

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

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**Trade name:** WIDOCRYL-Roller Coating

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**Current version :** 3.0.0, issued: 15.12.2023

**Replaced version:** 2.3.0, issued: 03.11.2022

**Region:** GB

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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.

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