

Trade name: WIDOCRYL-Filler (Screet)

Current version : 2.0.0, issued: 14.05.2021

Replaced version: 1.0.0, issued: 30.04.2021

Region: GB

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

1.1 Product identifier

Trade name

WIDOCRYL-Filler (Screet)

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

Relevant identified uses of the substance or mixture

Sealants

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.

2.2 Label elements

Trade name: WIDOCRYL-Filler (Screet)

Current version : 2.0.0, issued: 14.05.2021

Replaced version: 1.0.0, issued: 30.04.2021

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

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, 2,2'-ethylenedioxydiethyl dimethacrylate, methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate, bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate, 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.
 P243 Take action to prevent static discharges.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P271 Use only outdoors or in a well-ventilated area.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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**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	Eye Irrit. 2; H319 Skin Irrit. 2; H315	< 1.00 wt%

Trade name: WIDOCRYL-Filler (Screet)

Current version : 2.0.0, issued: 14.05.2021

Replaced version: 1.0.0, issued: 30.04.2021

Region: GB

	607-124-00-X 01-2119490169-29	Skin Sens. 1; H317		
3	2,2'-ethylenedioxydiethyl dimethacrylate			
	109-16-0 203-652-6 - 01-2119969287-21	Skin Sens. 1B; H317	< 1.00	wt%
4	methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate			
	82919-37-7 280-060-4 - -	Aquatic Acute 1; H400 Skin Sens. 1; H317 Aquatic Chronic 1; H410	< 1.00	wt%
5	bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate			
	41556-26-7 255-437-1 - -	Aquatic Acute 1; H400 Skin Sens. 1; H317 Aquatic Chronic 1; H410	< 1.00	wt%
6	dodecane-1-thiol			
	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	< 1.00	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	-	-	-
3	D	-	-	-
6	-	-	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)".

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. In case of allergic symptoms, especially respiratory tract related, seek medical help immediately.

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

Wash off immediately with soap and water. 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. 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.

Trade name: WIDOCRYL-Filler (Screet)**Current version :** 2.0.0, issued: 14.05.2021**Replaced version:** 1.0.0, issued: 30.04.2021**Region:** GB**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 mixtureIn the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO)**5.3 Advice for firefighters**

Wear protective clothing. Use self-contained breathing apparatus. Cool endangered containers with water spray jet. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

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.

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

Trade name: WIDOCRYL-Filler (Screet)

Current version : 2.0.0, issued: 14.05.2021

Replaced version: 1.0.0, issued: 30.04.2021

Region: GB

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	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
1	methyl-methacrylate	80-62-6 201-297-1	
	dermal	Short term (acut)	local
	dermal	Long term (chronic)	systemic
	dermal	Long term (chronic)	local
	inhalative	Long term (chronic)	systemic
	inhalative	Long term (chronic)	local
			1.5 mg/cm ²
			13.67 mg/kg
			1.5 mg/cm ²
			208 mg/m ³
			208 mg/m ³

DNEL value (consumer)

No	Substance name	CAS / EC no	
	Route of exposure	Exposure time	Effect
1	methyl-methacrylate	80-62-6 201-297-1	
	dermal	Short term (acut)	local
	dermal	Long term (chronic)	systemic
	dermal	Long term (chronic)	local
	inhalative	Long term (chronic)	systemic
	inhalative	Long term (chronic)	local
			1.5 mg/cm ²
			8.2 mg/kg
			1.5 mg/cm ²
			74.3 mg/m ³
			104 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	0.94 mg/L
	water	Aqua intermittent	0.94 mg/L
	water	fresh water sediment	5.74 mg/kg
	soil	-	1.47 mg/kg
	sewage treatment plant	-	10 mg/L

Trade name: WIDOCRYL-Filler (Screet)

Current version : 2.0.0, issued: 14.05.2021

Replaced version: 1.0.0, issued: 30.04.2021

Region: GB

8.2 Exposure controls**Appropriate engineering controls**

Ensure adequate ventilation, local exhaust at the work station if necessary.

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.

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

Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

Environmental exposure controls

No data available.

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

State of aggregation	
liquid	
Form/Colour	
pigmented	
Odour	
of acrylate	
Odour threshold	
Value	0.05 ppm
pH value	
No data available	
Boiling point / boiling range	
Value	101 °C
Reference substance	Methyl methacrylate
Melting point/freezing point	
Value	-48 °C
Reference substance	Methyl methacrylate
Decomposition temperature	
No data available	
Flash point	
Value	12 °C
Reference substance	Methyl methacrylate
Ignition temperature	
No data available	

Trade name: WIDOCRYL-Filler (Screet)

Current version : 2.0.0, issued: 14.05.2021

Replaced version: 1.0.0, issued: 30.04.2021

Region: GB

Flammability			
No data available			
Lower explosion limit			
Value	2.1	% vol	
Reference substance	Methyl methacrylate		
Upper explosion limit			
Value	12.5	% vol	
Reference substance	Methyl methacrylate		
Vapour pressure			
Value	38.7	mbar	
Reference substance	Methyl methacrylate		
Relative vapour density			
No data available			
Relative density			
No data available			
Density			
Value	1.36	g/cm ³	
Reference temperature	25	°C	
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		
Viscosity			
Value	3000 - 7000	mPa*s	
Reference temperature	25	°C	
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 under recommended storage and handling conditions (See section 7).

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 or other ignition sources, electrostatic charge and discharge, formation of vapours/aerosols.

Trade name: WIDOCRYL-Filler (Screet)

Current version : 2.0.0, issued: 14.05.2021

Replaced version: 1.0.0, issued: 30.04.2021

Region: GB

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		
Species	rat		
Source	ECHA		
Skin corrosion/irritation			
No data available			
Serious eye damage/irritation			
No data available			
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		
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.		
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			

Trade name: WIDOCRYL-Filler (Screet)

Current version : 2.0.0, issued: 14.05.2021

Replaced version: 1.0.0, issued: 30.04.2021

Region: GB

STOT - repeated exposure

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		

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		

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	Selenastrum capricornutum		
Method	OECD 201		
Source	ECHA		

Toxicity to algae (chronic)

No data available

Bacteria toxicity

No data available

12.2 Persistence and degradability

Trade name: WIDOCRYL-Filler (Screet)

Current version : 2.0.0, issued: 14.05.2021

Replaced version: 1.0.0, issued: 30.04.2021

Region: GB

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	

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	

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.

12.8 Other information

Other information
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

Trade name: WIDOCRYL-Filler (Screet)

Current version : 2.0.0, issued: 14.05.2021

Replaced version: 1.0.0, issued: 30.04.2021

Region: GB

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**
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
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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
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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

Trade name: WIDOCRYL-Filler (Screet)

Current version : 2.0.0, issued: 14.05.2021

Replaced version: 1.0.0, issued: 30.04.2021

Region: GB

section.

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

H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

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

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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.

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