



Trade name: FotoScreen

Substance number: 9097FS

Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

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

### 1.1. Product identifier

FotoScreen

#### UFI

UFI: PV40-6014-C00G-S3DG

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

#### Use of the substance/preparation

Light-curing lacquer for earmolds

### 1.3. Details of the supplier of the safety data sheet

#### Address/Manufacturer

Dreve Otoplastik GmbH

Max-Planck-Straße 31

DE-59423 Unna

Telephone no. +49 2303 8807-0

Fax no. +49 2303 8807-29

Information provided by / telephone Department Research &amp; Development: Fax: +49 2303 8807-562

E-mail address of person responsible sicherheitsdatenblatt@dreve.com

for this SDS

### 1.4. Emergency telephone number

Henkel Fire Department / 24h-Emergency-Contact-No.: +49 211 797-3350

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 2 H225

Skin Irrit. 2 H315

Eye Irrit. 2 H319

Skin Sens. 1A H317

STOT SE 3 H335

Aquatic Chronic 3 H412

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008  
For explanation of abbreviations see section 16.

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

#### Hazard pictograms

Trade name: FotoScreen

Substance number: 9097FS

Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

**Signal word**

Danger

**Hazard statements**

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains	Methyl methacrylate, monomer, stabilized; 2-Propenoic acid, reaction products with dipentaerythritol; Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate; Poly[oxy(methyl-1,2-ethanediyl)], .alpha.,.alpha'.-(2,2-dimethyl-1,3-propanediyl)bis[.omega.-(1-oxo-2-propenyl)oxy]-
----------	---

**2.3. Other hazards**

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

## SECTION 3: Composition/information on ingredients \*\*\*

**3.2. Mixtures****Hazardous ingredients \*\*\*****Methyl methacrylate, monomer, stabilized**

CAS No.	80-62-6
EINECS no.	201-297-1
Registration no.	01-2119452498-28
Concentration	>= 25 < 50 %
Classification (Regulation (EC) No. 1272/2008)	
	Flam. Liq. 2 H225
	Skin Irrit. 2 H315
	Skin Sens. 1 H317
	STOT SE 3 H335

Trade name: FotoScreen

Substance number: 9097FS

Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note D

**2-Propenoic acid, reaction products with dipentaerythritol**

CAS No. 1384855-91-7

EINECS no. 800-838-4

Registration no. 01-2119980666-22

Concentration  $\geq$  10 < 25 %

Classification (Regulation (EC) No. 1272/2008)

Eye Irrit. 2 H319

Skin Sens. 1A H317

Aquatic Chronic 3 H412

**Polyurethane resin**Concentration  $\geq$  10 < 25 %

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2 H315

Eye Irrit. 2 H319

**Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate**

CAS No. 84434-11-7

EINECS no. 282-810-6

Registration no. 01-2119987994-10

Concentration  $\geq$  2,5 < 10 %

Classification (Regulation (EC) No. 1272/2008)

Skin Sens. 1B H317

Aquatic Chronic 2 H411

**Poly[oxy(methyl-1,2-ethanediyl)],,alpha.,,alpha'-(2,2-dimethyl-1,3-propanediyl)bis[.omega.-[(1-oxo-2-propenyl)oxy]-**

CAS No. 84170-74-1

EINECS no. 617-546-6

Registration no. 01-2119970213-43

Concentration  $\geq$  0,1 < 1 %

Classification (Regulation (EC) No. 1272/2008)

Skin Sens. 1B H317

Aquatic Chronic 2 H411

## SECTION 4: First aid measures

**4.1. Description of first aid measures****General information**

Remove contaminated clothing immediately and dispose of safely. Adhere to personal protective measures when giving first aid

**After inhalation**

Remove the casualty into fresh air and keep him calm. In the event of symptoms take medical treatment.

**After skin contact**

After contact with skin, wash immediately with plenty of water and soap. Consult a doctor if skin irritation persists.

**After eye contact**

Trade name: FotoScreen

Substance number: 9097FS

Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

Separate eyelids, wash the eyes thoroughly with water (15 min.). Take medical treatment.

**After ingestion**

Call in a physician immediately and show him the Safety Data Sheet. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

**Adhere to personal protective measures when giving first aid**

First aider: Pay attention to self-protection!

**4.2. Most important symptoms and effects, both acute and delayed**

Until now no symptoms known so far.

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / hazards**

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

## SECTION 5: Firefighting measures

**5.1. Extinguishing media****Suitable extinguishing media**

Recommended: alcohol resistant foam, CO<sub>2</sub>, powders, water spray/mist, Extinguishing measures to suit surroundings

**Non suitable extinguishing media**

Full water jet

**5.2. Special hazards arising from the substance or mixture**

In case of combustion evolution of dangerous gases possible.

**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus. Wear full protective suit.

**Other information**

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations. Observe manufacturer's / distributor's instructions.

## SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

Keep away sources of ignition. Ensure adequate ventilation. Use breathing apparatus if exposed to vapours/dust/aerosol. Avoid contact with skin, eyes and clothing. Use personal protective clothing. Refer to protective measures listed in Sections 7 and 8.

**6.2. Environmental precautions**

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. Retain and dispose of contaminated wash water. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

**6.3. Methods and material for containment and cleaning up**



Trade name: FotoScreen

Substance number: 9097FS

Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

Pick up rest with suitable absorbent materials. Do not pick up with the help of saw-dust or other combustible substances. Clean contaminated floors and objects thoroughly, observing environmental regulations. Containers in which spilt substance has been collected must be adequately labelled. Dispose of as prescribed.

#### 6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid formation of aerosols. Avoid impact, friction and electro-static loading; risk of ignition! Keep container tightly closed.

#### Advice on protection against fire and explosion

Keep away from sources of heat and ignition. No smoking. Take action to prevent static discharges. Avoid impact and friction. Use only explosion-proof equipment. Keep away from combustible material. Wear shoes with conductive soles.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### Hints on storage assembly

Do not store together with foodstuffs. Do not store with strong oxidizing agents.

#### Further information on storage conditions

Keep under lock and key or accessible only to specialists or people who are authorized. Keep container tightly closed and in a well-ventilated place. Keep in a cool place

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limit values

##### Methyl methacrylate, monomer, stabilized

Value	50	ppm(V)
Short term exposure limit	100	ppm(V)

##### Methyl methacrylate, monomer, stabilized

Value	208	mg/m <sup>3</sup>	50	ppm(V)
Short term exposure limit	416	mg/m <sup>3</sup>	100	ppm(V)

#### Other information

Contains no substances with occupational exposure limit values.

#### Derived No/Minimal Effect Levels (DNEL/DMEL)

##### Methyl methacrylate, monomer, stabilized

Reference substance	Methyl methacrylate, monomer, stabilized
Type of value	Derived No Effect Level (DNEL)
Reference group	Worker
Duration of exposure	Long term
Route of exposure	inhalative



Trade name: FotoScreen

Substance number: 9097FS

Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

Mode of action	Systemic effects	
Concentration	348,4	mg/m <sup>3</sup>
Type of value	Methyl methacrylate, monomer, stabilized	
Reference group	Derived No Effect Level (DNEL)	
Duration of exposure	Worker	
Route of exposure	Long term	
Mode of action	inhalative	
Concentration	Local effects	
	208	mg/m <sup>3</sup>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Lifetime	
Route of exposure	inhalative	
Concentration	416	mg/m <sup>3</sup>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	13,67	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Local effects	
Concentration	1,5	mg/cm <sup>2</sup>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	74,3	mg/m <sup>3</sup>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	104	mg/m <sup>3</sup>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Short term	
Route of exposure	inhalative	
Concentration	208	mg/m <sup>3</sup>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	8,2	mg/kg



Trade name: FotoScreen

Substance number: 9097FS

Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Local effects	
Concentration	1,5	mg/cm <sup>2</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	8,2	mg/kg/d

**Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate**

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	4,93	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	1,4	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	0,87	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	0,5	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	0,5	mg/kg/d

**Predicted No Effect Concentration (PNEC)****Methyl methacrylate, monomer, stabilized**

Reference substance	Methyl methacrylate, monomer, stabilized
Type of value	PNEC
Type	Freshwater



Trade name: FotoScreen

Substance number: 9097FS

Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

Concentration	0,94	mg/l
Type of value	PNEC	
Type	Saltwater	
Concentration	0,094	mg/l
Type of value	PNEC	
Type	Soil	
Concentration	1,48	mg/kg
Type of value	PNEC	
Type	Freshwater sediment	
Concentration	10,2	mg/kg
Type of value	PNEC	
Type	Sewage treatment plant (STP)	
Concentration	10	mg/l
Type of value	PNEC	
Type	Man via the environment	
Concentration	8,2	mg/kg/d
Type of value	PNEC	
Type	Marine sediment	
Concentration	1,2	mg/kg

**2-Propenoic acid, reaction products with dipentaerythritol**

Type of value	PNEC	
Type	Freshwater	
Concentration	8,9	µg/l
Type of value	PNEC	
Type	Sewage treatment plant (STP)	
Concentration	1,8	mg/l
Type of value	PNEC	
Type	Marine sediment	
Concentration	38,3	mg/kg
Type of value	PNEC	
Type	Sediment	
Concentration	383	mg/kg
Type of value	PNEC	
Type	Saltwater	
Concentration	0,89	µg/l
Type of value	PNEC	
Type	Soil	
Concentration	60	µg/l

**Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate**

Type of value	PNEC	
Type	Freshwater	
Concentration	1,01	µg/l



Trade name: FotoScreen

Substance number: 9097FS

Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

Type of value	PNEC		
Type	Saltwater		
Concentration	0,101		µg/l
Type of value	PNEC		
Type	Freshwater sediment		
Concentration	0,24		mg/kg
Type of value	PNEC		
Type	Marine sediment		
Concentration	0,024		mg/kg
Type of value	PNEC		
Type	Soil		
Concentration	0,048		mg/kg

## 8.2. Exposure controls

### General protective and hygiene measures

Do not smoke during work time. Hold emergency shower available. Hold eye wash fountain available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Take off immediately all contaminated clothing. Do not eat or drink during work time. Storage of foodstuffs in work rooms is forbidden. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

### Respiratory protection

Do not inhale vapours; Use suitable respiratory protective device in case of insufficient ventilation

### Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

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

Hand protection must comply with EN 374.

Appropriate Material                      Butyl rubber

### Eye protection

Safety glasses

### Body protection

Clothing as usual in the chemical industry.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	liquid
<b>Colour</b>	colourless
<b>Odour</b>	characteristic
<b>Melting point</b>	
Remarks	not determined
<b>Freezing point</b>	
Remarks	not determined
<b>Boiling point or initial boiling point and boiling range</b>	



Trade name: FotoScreen

Substance number: 9097FS

Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

Value	101	°C
<b>Flammability</b>		
evaluation	not determined	
<b>Upper and lower explosive limits</b>		
Remarks	not determined	
<b>Flash point</b>		
Value	10	°C
Method	closed cup	
<b>Auto-ignition temperature</b>		
Remarks	not determined	
<b>Decomposition temperature</b>		
Remarks	not determined	
<b>pH value</b>		
Remarks	not determined	
<b>Viscosity</b>		
Remarks	not determined	
<b>Solubility(ies)</b>		
Remarks	not determined	
<b>Partition coefficient n-octanol/water (log value)</b>		
Remarks	not determined	
<b>Vapour pressure</b>		
Remarks	not determined	
<b>Density and/or relative density</b>		
Value	1,04	g/cm <sup>3</sup>
Temperature	20	°C
<b>Relative vapour density</b>		
Remarks	not determined	
<b>9.2. Other information</b>		
<b>Odour threshold</b>		
Remarks	not determined	
<b>Evaporation rate (ether = 1) :</b>		
Remarks	not determined	
<b>Solubility in water</b>		
Remarks	virtually insoluble	
<b>Explosive properties</b>		
evaluation	not determined	
<b>Oxidising properties</b>		
Remarks	not determined	
<b>Other information</b>		
None known		

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



Trade name: FotoScreen

Substance number: 9097FS

Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

No hazardous reactions known.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

Protect from heat and direct sunlight

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

Irritant gases/vapours

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

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

**Acute oral toxicity (Components)****Methyl methacrylate, monomer, stabilized**

Species	rat	
LD50	appr. 7900	mg/kg

**Poly[oxy(methyl-1,2-ethanediyl)],.alpha.,.alpha'.-(2,2-dimethyl-1,3-propanediyl)bis[.omega.-[(1-oxo-2-propenyl)oxy]-**

Species	rat	
LD50	> 5000	mg/kg
Method	OECD 401	

**2-Propenoic acid, reaction products with dipentaerythritol**

Species	rat (female)	
LD50	> 2000	mg/kg
Method	OECD 423	

**Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate**

Species	rat	
LD50	> 5000	mg/kg
Method	OECD 401	

**Polyurethane resin**

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

**Acute dermal toxicity**

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

**Acute dermal toxicity (Components)****Methyl methacrylate, monomer, stabilized**

Species	rabbit	
LD50	> 5000	mg/kg
Method	OECD 402	

**Poly[oxy(methyl-1,2-ethanediyl)],.alpha.,.alpha'.-(2,2-dimethyl-1,3-propanediyl)bis[.omega.-[(1-oxo-2-propenyl)oxy]-**

Species	rat	
---------	-----	--



Trade name: FotoScreen

Substance number: 9097FS

Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

LD50	> 2000	mg/kg
Method	OECD 402	

**Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate**

Species	rat	
LD50	> 2000	mg/kg
Method	OECD 402	

**Polyurethane resin**

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

**Acute inhalational toxicity**

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

**Acute inhalative toxicity (Components)****Methyl methacrylate, monomer, stabilized**

Species	rat	
LC50	29,8	mg/l
Duration of exposure	4	h
Administration/Form	Vapors	

**Skin corrosion/irritation**

evaluation	irritant
Remarks	The classification criteria are met.

**Skin corrosion/irritation (Components)****Methyl methacrylate, monomer, stabilized**

Species	Human
evaluation	irritant

**Polyurethane resin**

evaluation	slightly irritant
------------	-------------------

**Serious eye damage/irritation**

evaluation	irritant
Remarks	The classification criteria are met.

**Serious eye damage/irritation (Components)****2-Propenoic acid, reaction products with dipentaerythritol**

Species	rabbit
evaluation	irritant
Method	OECD 405

**Polyurethane resin**

evaluation	slightly irritant
------------	-------------------

**Sensitization**

evaluation	May cause sensitization by skin contact.
Remarks	The classification criteria are met.

**Sensitization (Components)****Methyl methacrylate, monomer, stabilized**

Route of exposure	dermal
Species	mouse
evaluation	sensitizing
Method	OECD 429

**Poly[oxy(methyl-1,2-ethanediyl)],,alpha.,,alpha'-(2,2-dimethyl-1,3-propanediyl)bis[.omega.-[(1-oxo-2-propenyl)oxy]-**

Species	mouse
evaluation	sensitizing
Method	OECD 429

**2-Propenoic acid, reaction products with dipentaerythritol**



Trade name: FotoScreen

Substance number: 9097FS

Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

Route of exposure	dermal
Species	mouse
evaluation	sensitizing
Method	OECD 429

**Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate**

Species	mouse
evaluation	sensitizing
Method	OECD 429

**Polyurethane resin**

Route of exposure	dermal
evaluation	Allergic reaction possible.

**Subacute, subchronic, chronic toxicity**

Remarks	not determined
---------	----------------

**Mutagenicity**

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

**Reproductive toxicity**

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

**Carcinogenicity**

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

**Specific Target Organ Toxicity (STOT)****Single exposure**

Remarks	The classification criteria are met.
evaluation	May cause respiratory irritation.

**Repeated exposure**

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

**Specific Target Organ Toxicity (STOT) (Components)****Methyl methacrylate, monomer, stabilized****Single exposure**

evaluation	May cause respiratory irritation. Route of exposure inhalative
------------	---

**Aspiration hazard**

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

**11.2. Information on other hazards****Endocrine disrupting properties with respect to humans**

Remarks	The product does not contain a substance that has endocrine disrupting properties with respect to humans.
---------	---

**Experience in practice**

Remarks	Inhalation may lead to irritation of the respiratory tract.
---------	---

**Other information**

Remarks	No toxicological data are available.
---------	--------------------------------------

**SECTION 12: Ecological information****12.1. Toxicity****General information**

Remarks	not determined
---------	----------------

Trade name: FotoScreen

Substance number: 9097FS

Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

**Fish toxicity (Components)****Methyl methacrylate, monomer, stabilized**

Species	rainbow trout ( <i>Oncorhynchus mykiss</i> )		
LC50	85		mg/l
Duration of exposure	96	h	

**Methyl methacrylate, monomer, stabilized**

Species	zebra fish ( <i>Brachydanio rerio</i> )		
NOEC	9,4		mg/l
Duration of exposure	35	d	
Method	OECD 210		

**Poly[oxy(methyl-1,2-ethanediyl)],.alpha.,.alpha'-(2,2-dimethyl-1,3-propanediyl)bis[.omega.-[(1-oxo-2-propenyl)oxy]-**

Species	zebra fish ( <i>Brachydanio rerio</i> )		
LC50	2,7		mg/l
Duration of exposure	96	h	

**2-Propenoic acid, reaction products with dipentaerythritol**

Species	carp ( <i>Cyprinus carpio</i> )		
LC50	appr. 8,9		mg/l
Duration of exposure	96	h	
Method	OECD 203		

**Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate**

Species	zebra fish ( <i>Brachydanio rerio</i> )		
LC50	1,89		mg/l
Duration of exposure	96	h	
Method	OECD 203		

**Daphnia toxicity (Components)****Methyl methacrylate, monomer, stabilized**

Species	Daphnia magna		
EC50	69		mg/l
Duration of exposure	48	h	

**Methyl methacrylate, monomer, stabilized**

Species	Daphnia magna		
NOEC	37		mg/l
Duration of exposure	21	d	
Method	OECD 211		

**Poly[oxy(methyl-1,2-ethanediyl)],.alpha.,.alpha'-(2,2-dimethyl-1,3-propanediyl)bis[.omega.-[(1-oxo-2-propenyl)oxy]-**

Species	Daphnia magna		
EC50	37		mg/l
Duration of exposure	48	h	

**2-Propenoic acid, reaction products with dipentaerythritol**

Species	Daphnia magna		
EC50	appr. 18		mg/l
Duration of exposure	48	h	
Method	OECD 202		

**Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate**

Species	Daphnia magna		
EC50	2,26		mg/l
Duration of exposure	48	h	
Method	OECD 202		

**Algae toxicity (Components)****Methyl methacrylate, monomer, stabilized**



Trade name: FotoScreen

Substance number: 9097FS

Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

Species	Pseudokirchneriella subcapitata	
EC50	> 110	mg/l
Duration of exposure	72	h
Method	OECD 201	

**Poly[oxy(methyl-1,2-ethanediyl)],.alpha.,.alpha'-(2,2-dimethyl-1,3-propanediyl)bis[.omega.-[(1-oxo-2-propenyl)oxy]-**

Species	Pseudokirchneriella subcapitata	
EC50	11	mg/l
Duration of exposure	72	h

**2-Propenoic acid, reaction products with dipentaerythritol**

Species	Pseudokirchneriella subcapitata	
EC50	> 36	mg/l
Duration of exposure	72	h
Method	OECD 201	

**Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate**

Species	Desmodesmus subspicatus	
EC50	1,01	mg/l
Duration of exposure	72	h
Method	OECD 201	

**Bacteria toxicity (Components)****Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate**

Species	activated sludge	
EC50	> 1000	mg/l
Duration of exposure	3	h
Method	OECD 209	

**2-Propenoic acid, reaction products with dipentaerythritol**

Species	activated sludge	
NOEC	18	mg/l
Duration of exposure	28	d

**12.2. Persistence and degradability****General information**

not determined

**Biodegradability (Components)****2-Propenoic acid, reaction products with dipentaerythritol**

evaluation	not readily degradable
Method	OECD 301 B

**Methyl methacrylate, monomer, stabilized**

Value	94	%
Duration of test	14	d
evaluation	Readily biodegradable (according to OECD criteria)	
Method	OECD 301 C	

**Poly[oxy(methyl-1,2-ethanediyl)],.alpha.,.alpha'-(2,2-dimethyl-1,3-propanediyl)bis[.omega.-[(1-oxo-2-propenyl)oxy]-**

evaluation	Moderately/partially biodegradable
------------	------------------------------------

**Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate**

Value	< 10	
Duration of test	28	d
evaluation	not readily degradable	
Method	OECD 301 F	

**12.3. Bioaccumulative potential****General information**

Trade name: FotoScreen

Substance number: 9097FS

Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

not determined

**Partition coefficient n-octanol/water (log value)**

Remarks not determined

**Octanol/water partition coefficient (log Pow) (Components)****Methyl methacrylate, monomer, stabilized**

log Pow	1,38	
Temperature	20	°C
Method	OECD 107	

**2-Propenoic acid, reaction products with dipentaerythritol**

log Pow appr. 4,55

**Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate**

log Pow	2,91	
Temperature	25	°C
Method	Regulation (EC) No. 440/2008, Annex, A.8	

**12.4. Mobility in soil****General information**

not determined

**Mobility in soil (Components)****Methyl methacrylate, monomer, stabilized**

Immobile

**12.5. Results of PBT and vPvB assessment****General information**

not determined

**Results of PBT and vPvB assessment**

The product contains no PBT substances  
The product contains no vPvB substances.

**12.6 Endocrine disrupting properties****Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

**12.7. Other adverse effects****General information**

not determined

**General information / ecology**

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

Must not be disposed together with household garbage.  
Dispose of waste according to applicable legislation.

**Disposal recommendations for packaging**

Packaging that cannot be cleaned should be disposed off as product waste.

Trade name: FotoScreen

Substance number: 9097FS




Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

## SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	1247	1247	1247
14.2. UN proper shipping name	METHYL METHACRYLATE MONOMER, STABILIZED, Solution	METHYL METHACRYLATE MONOMER, STABILIZED, Solution	METHYL METHACRYLATE MONOMER, STABILIZED, Solution
14.3. Transport hazard class(es)	3	3	3
Label			
14.4. Packing group	II	II	II
Limited Quantity	1 I	1 I	
Transport category	2		
14.5. Environmental hazards	-		
Tunnel restriction code	D/E		

## SECTION 15: Regulatory information \*\*\*

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

#### Restriction according to annex XVII to regulation (EU) No 1907/2006

The product is subject to restrictions according to Annex XVII Regulation (EU) No. 1907/2006: Entry No. 3

#### Ingredients with restrictions according to Annex XVII Regulation (EU) No. 1907/2006 \*\*\*

##### Methyl methacrylate, monomer, stabilized

The product is subject to restrictions according to Annex XVII Regulation (EU) No. 1907/2006: Entry No. 3

The product is subject to restrictions according to Annex XVII Regulation (EU) No. 1907/2006: Entry No. 40

The product is subject to restrictions according to Annex XVII Regulation (EU) No. 1907/2006: Entry-No. 75

#### Other information

All components are contained in the TSCA inventory or exempted.

### 15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.



Trade name: FotoScreen

Substance number: 9097FS

Version: 2 / GB

Date revised: 04.02.2026

Replaces Version: 1 / GB

Print date: 04.02.2026

## SECTION 16: Other information

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 2	H225	On basis of test data
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Skin Sens. 1A	H317	Calculation method
STOT SE 3	H335	Calculation method
Aquatic Chronic 3	H412	Calculation method

### Hazard statements listed in Chapter 2/3

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

### CLP categories listed in Chapter 2/3

Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Irrit. 2	Eye irritation, Category 2
Flam. Liq. 2	Flammable liquid, Category 2
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1A	Skin sensitization, Category 1A
Skin Sens. 1B	Skin sensitization, Category 1B
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.