



## Product Name: egger LP/W Lacquer

REF: 307030, 30701, 30702

Date of print: 07.11.2023 Date of last alteration: 07.11.2023

  
**egger**

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

#### 1.1. Product identifier

egger LP/W Lacquer  
UFI: V99X-E9HY-P00A-XV0U

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

##### Use of the substance/mixture

Ligth curing lacquer for use in audiology.

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

Manufacturer/distributor: egger Otoplastik + Labortechnik GmbH  
Street/POB-No.: Aybühlweg 59  
Postal code/city/country: 87439 Kempten/Germany  
Telephone: +49 831 58113-60  
Telefax: +49 831 58113-14  
Internet: www.eggeronline.com  
E-mail: sales@eggeronline.com

#### 1.4. Emergency telephone number: +49 89 19240

Emergency number: Munich, Germany, (Toxicological dep. of the II. Med. Hospital)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

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

Full text of hazard statements: see SECTION 16.

#### 2.2. Label elements

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

##### Hazard components for labelling

ethyl methacrylate  
2-hydroxyethyl methacrylate  
hexyl methacrylate  
diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide

Signal word: Danger

#### Pictograms:

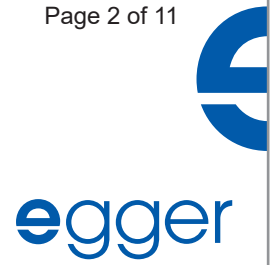




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## Hazard statements

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

## Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P235 Keep cool.  
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P501 Dispose of contents/ container in accordance with local and national regulations.

## 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Mixture of acrylic/methacrylic resins with auxilliary matters.

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EG) Nr. 1272/2008)			
<b>97-63-2</b>	<b>ethyl methacrylate</b>			<b>20 - &lt; 40 %</b>
	202-597-5	607-071-00-2		
	Flam. Liq. 2, Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT SE 3; H225 H315 H319 H317 H335			
<b>868-77-9</b>	<b>2-hydroxyethyl methacrylate</b>			<b>5 - &lt; 20 %</b>
	212-782-2	607-124-00-X	01-2119490169-29	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1; H315 H319 H317			
<b>142-09-6</b>	<b>hexyl methacrylate</b>			<b>0.1 - &lt; 5 %</b>
	205-521-9			
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT SE 3; H315 H319 H317 H335			
<b>75980-60-8</b>	<b>diphenyl(2, 4, 6-trimethylbenzoyl)phosphine oxide</b>			<b>0.1 - &lt; 5 %</b>
	278-355-8	015-203-00-X	01-2119972295-29	
	Repr. 2, Skin Sens. 1B, Aquatic Chronic 2; H361f H317 H411			

Full text of H and EUH phrases: see section 16.

#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
<b>97-63-2</b>	<b>202-597-5</b>	<b>ethyl methacrylate</b>	<b>20 - &lt; 40 %</b>
	inhalation: LC50 = 38,7 mg/l (vapours); oral: LD50 = 14800 mg/kg		



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868-77-9	212-782-2	2-hydroxyethyl methacrylate	5 - < 20 %
		dermal: LD50 = >5000 mg/kg; oral: LD50 = 5564 mg/kg	
75980-60-8	278-355-8	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	0.1 - < 5 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Provide fresh air. Medical treatment necessary.

#### After contact with skin

After contact with skin, wash immediately with polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

#### After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

#### After ingestion

Rinse mouth immediately and drink plenty of water.

Seek immediately medical advice. Do not induce vomiting. In case of spontaneous vomiting take care of an unhindered flow out of the vomit (danger of suffocation).

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

No information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Water spray jet, Carbon dioxide (CO<sub>2</sub>), Foam, Extinguishing powder.

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

Highly flammable. Vapours can form explosive mixtures with air.

### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

### Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.



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### SECTION 6: Accidental release measures

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

##### General advice

Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

#### 6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment. Danger of explosion.

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

##### Other information

Absorb with liquid-binding material (e. g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

##### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

Vapours can form explosive mixtures with air.

##### Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

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

##### Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

##### Hints on joint storage

Do not store together with: Oxidising agent. Pyrophoric or self-heating substances.

##### Further information on storage conditions

Keep only in the original container in a cool, dry and well-ventilated place, away from foodstuffs. Keep away from all kind of lighth.

An inert gas blanket should not be applied, because the stability of the product depends on the presence of oxygen (air).

#### 7.3. Specific end use(s)

Lacquer for coating of earmoulds. For use by trained specialist staff.



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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### DNEL/DMEL values

CAS No	Substance			
DNEL type	Exposure route	Effect	Value	
75980-60-8	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide			
Worker DNEL, long-term	inhalation	systemic	0.822 mg/m <sup>3</sup>	
Worker DNEL, long-term	dermal	systemic	0.233 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	systemic	0.145 mg/m <sup>3</sup>	
Consumer DNEL, long-term	dermal	systemic	0.0833 mg/kg bw/day	
Consumer DNEL, long-term	oral	systemic	0.0833 mg/kg bw/day	

#### 8.2. Exposure controls

##### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

##### Individual protection measures, such as personal protective equipment

###### Eye/face protection

Suitable eye protection: goggles.

###### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Suitable are gloves of the following material: Butyl caoutchouc (butyl rubber).

###### Skin protection

Flame-retardant protective clothing. Wear anti-static footwear and clothing.

###### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

### SECTION 9: Physical and chemical properties

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

Physical state: liquid  
 Colour: light blue  
 Odour: faintly like esters

		Test method
Melting point/freezing point:	not determined	
Boiling point or initial boiling point and boiling range:	119-121 °C	
Flammability:	not applicable	



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Lower explosion limits:	1.4 %	
Upper explosion limits:	not determined	
Flash point:	19 °C	
Auto-ignition temperature:	280 °C	DIN 51794
Decomposition temperature:	not determined	
pH-Value:	not determined	
Water solubility: (at 20 °C)	The study does not need to be conducted because the substance is known to be insoluble in water.	
Solubility in other solvents	not determined	
Partition coefficient n-octanol/water:	not determined	
Vapour pressure: (at 20 °C)	20 hPa	
Density (at 20 °C):	1.03 g/cm <sup>3</sup>	DIN 51757
Relative vapour density:	not determined	

### 9.2. Other information

#### Information with regard to physical hazard classes

##### Self-ignition temperature

Solid: not applicable

Gas: not applicable

##### Oxidizing properties

Not oxidizing.

#### Other safety characteristics

Evaporation rate: not determined

Solid content: not determined

Viscosity / dynamic: 100 mPa·s Rheostress

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Highly flammable.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

Reacts with: oxidising agents, radicals forming substances or heavy metal ions.

### 10.4. Conditions to avoid

Keep away from sources of heat (e. g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air. Ultra-violet light and daylight initiate polymerisation of the product. Therefore keep only in tightly closed containers away from any sources of light. Keep in a refrigerator at 2°C - 25°C / 36°F - 77 °F.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

In case of fire, acrid acrylic fumes may occur.



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### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EG) Nr. 1272/2008

##### Acute toxicity

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

##### ATEmix calculated

ATE (oral) &gt; 2000 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l;

ATE (inhalation dust/mist) &gt; 5 mg/l

CAS No	Chemical name					
	Exposure routes	Dose		Species	Source	Method
<b>97-63-2</b>	<b>ethyl methacrylate</b>					
	oral	LD50	14800 mg/kg	Rat	GESTIS	
	inhalative (4 h) vapour	LC50	38.7 mg/l	Rat	GESTIS	
<b>868-77-9</b>	<b>2-hydroxyethyl methacrylate</b>					
	oral	LD50	5064 mg/kg	Rat		
	dermal	LD50	>5000 mg/kg	Rabbit		
<b>75980-60-8</b>	<b>diphenyl(2, 4, 6-trimethylbenzoyl)phosphine oxide</b>					
	oral	LD50	>5000 mg/kg	Rat		
	dermal	LD50	>2000 mg/kg	Rat		

##### Irritation and corrosivity

Causes skin irritation. Causes serious eye irritation.

##### Sensitising effects

May cause an allergic skin reaction. (ethyl methacrylate; 2-hydroxyethyl methacrylate; hexyl methacrylate; diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide).

##### Carcinogenic/mutagenic/toxic effects for reproduction

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

##### STOT-single exposure

May cause respiratory irritation. (ethyl methacrylate).

##### STOT-repeated exposure

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

##### Aspiration hazard

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

##### Additional information on tests

This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP].

### SECTION 12: Ecological information

#### 12.1. Toxicity

The product is not: Ecotoxic.



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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
<b>97-63-2</b>	<b>ethyl methacrylate</b>					
	Acute fish toxicity	LC50 100 mg/l	96 h	Salmo trutta fario (L) (Freshwater trout)	OECD 203	
	Acute algae toxicity	ErC50 >110 mg/l	72 h	Pseudokirchneriella subcapitata	OECD 201	
	Acute crustacea toxicity	EC50 >66 mg/l	48 h	Daphnia magna (Big water flea)		
<b>868-77-9</b>	<b>2-hydroxyethyl methacrylate</b>					
	Acute fish toxicity	LC50 >100 mg/l	96 h	Oryzias latipes		OECD 203
	Acute algae toxicity	ErC50 836 mg/l	72 h	Selenastrum capricornutum		OECD 201
	Acute crustacea toxicity	EC50 380 mg/l	48 h	Daphnia magna		OECD 202
<b>75980-60-8</b>	<b>diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide</b>					
	Acute algae toxicity	ErC50 >2.01 mg/l	72 h	Scenedesmus subspicatus		
	Acute crustacea toxicity	EC50 3.53 mg/l	48 h	Daphnia magna (Big water flea)		
	Acute bacteria toxicity	(>1000 mg/l)	3 h	Activated sludge		

## 12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
<b>868-77-9</b>	<b>2-hydroxyethyl methacrylate</b>			
	84	92 - 100%	28	
	Leicht biologisch abbaubar.			
<b>75980-60-8</b>	<b>diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide</b>			
		0 - 10%	28	
	Not readily biodegradable (according to OECD criteria).			

## 12.3. Bioaccumulative potential

The product has not been tested.

### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
97-63-2	ethyl methacrylate	1.87
75980-60-8	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	3.1

### BCF

CAS No	Chemical name	BCF	Species	Source
75980-60-8	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	47-55	Cyprinus carpio (Common Carp)	

## 12.4. Mobility in soil

The product has not been tested.



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egger**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.  
Not identified as PBT/ vPvB substances.

**12.6. Other adverse effects**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No information available.

**Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

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

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

**Contaminated packaging**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information****Land transport (ADR/RID)**

<b>14.1. UN number or ID number:</b>	UN 1866
<b>14.2. UN proper shipping name:</b>	Resin solution
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3
Classification code:	F1
Limited quantity:	5 L/30 kg
Hazard No:	33
Tunnel restriction code:	D/E

**Other applicable information (land transport)**

Flammable liquid

**Marine transport (IMDG)**

<b>14.1. UN number or ID number:</b>	UN 1866
<b>14.2. UN proper shipping name:</b>	Resin solution
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3
Marine pollutant:	-
Special Provisions:	-
Limited quantity:	5L/30 kg
EmS:	F-E, S-E

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egger**Other applicable information (marine transport)**

Flash point: 19 °C c.c.

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number or ID number:** UN 1866  
**14.2. UN proper shipping name:** Resin solution  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
Hazard label: 3  
Limited quantity Passenger: 1 L/30 kg  
Passenger LQ: Y341  
Excepted quantity: E2  
IATA-packing instructions - Passenger: 353  
IATA-max. quantity - Passenger: 5 L  
IATA-packing instructions - Cargo: 364  
IATA-max. quantity - Cargo: 60 L

**14.6. Special precautions for user**

Warning: Combustible liquid.

**14.7. Maritime transport in bulk according to IMO instruments**

Not applicable.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):  
Entry 3, Entry 40, Entry 75

**National regulatory information**

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).  
Water hazard class (D): 2 - obviously hazardous to water  
Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service  
LC50: Lethal concentration, 50 %



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LD50: Lethal dose, 50 %  
Flam. Liq: Flammable liquids  
Skin Irrit: Skin irritation  
Eye Irrit: Eye irritation  
Skin Sens: Skin sensitisation  
Repr: Reproductive toxicity  
STOT SE: Specific target organ toxicity - single exposure  
Aquatic Chronic: Chronic aquatic hazard  
LD50: Lethal dose, 50 %

**Relevant H- and EUH-phrases (Number and full text)**

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.  
H361 Suspected of damaging fertility or the unborn child.  
H411 Toxic to aquatic life with long lasting effects.

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)