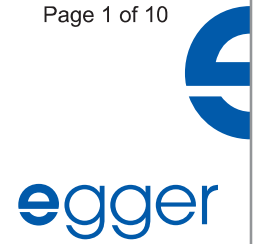




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**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

egger LP/H modelling paste (beige)

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

**Use of the substance/mixture**

Ligth curing modelling paste 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.egger.online](http://www.egger.online)

E-mail: [sales@egger.online](mailto:sales@egger.online)

**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**

Hazard categories:

Respiratory or skin sensitisation: Skin Sens. 1B

Hazard Statements:

May cause an allergic skin reaction.

**2.2. Label elements**

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

**Hazard components for labelling**

aliphatic urethane acrylate

diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide

**Signal word:** Warning

**Pictograms:**



**Hazard statements**

H317 May cause an allergic skin reaction.

**Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P302+P352 IF ON SKIN: Wash with plenty of water.



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egger

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

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         |                     |
|                   | GHS Classification   |              |                  |                     |
|                   | <b>aliphatic urethane acrylate</b>                         |              |                  | <b>1 - &lt; 5 %</b> |
|                   | 906-949-5  |              | 01-2120266262-60 |                     |
|                   | Skin Sens. 1B, Aquatic Chronic 2; H317 H411                |              |                  |                     |
| <b>75980-60-8</b> | <b>diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide</b>     |              |                  | <b>&lt; 1 %</b>     |
|                   | 278-355-8  | 015-203-00-X |                  |                     |
|                   | Repr. 2, Skin Sens. 1B, Aquatic Chronic 2; H361f H317 H411 |              |                  |                     |
| <b>21245-02-3</b> | <b>2-Ethylhexyl 4-(dimethylamino)benzoate</b>              |              |                  | <b>&lt; 1 %</b>     |
|                   | 244-289-3  |              | 01-2120766649-35 |                     |
|                   | Repr. 1B; H360   |              |                  |                     |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

#### After contact with skin

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

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

#### After ingestion

Rinse mouth immediately and drink plenty of water.

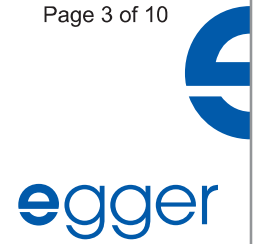
Seek immediately medical advice. Do not induce vomiting. In case of spontaneous vomiting take care of an unhindered flow out of the vomit (danger of suffocation).



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**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**

Co-ordinate fire-fighting measures to the fire surroundings.

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

Non-flammable.

**5.3. Advice for firefighters**

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

**Additional information**

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.  
Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures**

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

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 to enter into surface water or drains.

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

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**

No special measures are necessary.

**Advice on protection against fire and explosion**

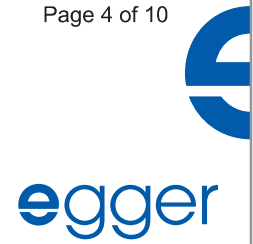
No special fire protection measures are necessary.



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

**Requirements for storage rooms and vessels**

Keep container tightly closed. 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).

**Hints on joint storage**

Keep away from spontaneous flammable or combustible substances.

**Further information on storage conditions**

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)**

Lighth curing material for repair and modeling of earmoulds. For use by trained specialist staff.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**8.2. Exposure controls**

**Protective and hygiene measures**

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, drink, smoke, sniff.

**Eye/face protection**

Wear eye/face protection.

**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**

Wear suitable protective 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: Paste, low-viscosity

Colour: beige

Odour: faintly like esters



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|  |                                | Test method |
|--|--------------------------------|-------------|
| pH-Value:                                | not determined                 |             |
| <b>Changes in the physical state</b>     |                                |             |
| Melting point:                           | not determined                 |             |
| Initial boiling point and boiling range: | not determined                 |             |
| Flash point:                             | >100 °C                        | DIN 51755   |
| <b>Flammability</b>                      |                                |             |
| Solid:                                   | not applicable                 |             |
| Gas:                                     | not applicable                 |             |
| <b>Explosive properties</b>              | The product is not: Explosive. |             |
| Lower explosion limits:                  | not determined                 |             |
| Upper explosion limits:                  | not determined                 |             |
| <b>Auto-ignition temperature</b>         |                                |             |
| Solid:                                   | not applicable                 |             |
| Gas:                                     | not applicable                 |             |
| Decomposition temperature:               | >=190 °C                       |             |
| <b>Oxidizing properties</b>              | Not oxidizing.                 |             |
| Vapour pressure (at 20 °C):              | <1 hPa                         |             |
| Density (at 20 °C):                      | 1.25-1.35 g/cm <sup>3</sup>    | DIN 51757   |
| Water solubility:                        | insoluble                      |             |
| <b>Solubility in other solvents</b>      | not determined                 |             |
| Partition coefficient:                   | not determined                 |             |
| Vapour density:                          | not determined                 |             |
| Evaporation rate:                        | not determined                 |             |

## 9.2. Other information

Solid content: not determined.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

Reacts with: strong oxidising agents, strong alkaline or acidic materials.

### 10.4. Conditions to avoid

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

No known hazardous decomposition products.



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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

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

For the product itself no toxicological data are available. In products with a comparable composition, a LD50 (orally, species rat) of > 5000 mg/kg has been found.

| CAS No            | Chemical name  |                   |         |          |        |
|-------------------|--|-------------------|---------|----------|--------|
|                   | Exposure route   | Dose              | Species | Source   | Method |
|                   | <b>aliphatic urethane acrylate</b>                     |                   |         |          |        |
|                   | oral   | LD50 >5000 mg/kg  | Rat     | OECD 401 |        |
| <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     |          |        |
| <b>21245-02-3</b> | <b>2-Ethylhexyl 4-(dimethylamino)benzoate</b>          |                   |         |          |        |
|                   | oral   | LD50 14.900 mg/kg | Rat     |          |        |

#### Irritation and corrosivity

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

#### Sensitising effects

May cause an allergic skin reaction. (aliphatic urethane acrylate; 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

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

#### 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.

| CAS No | Chemical name                      |                |           |           |          |        |
|--------|------------------------------------|----------------|-----------|-----------|----------|--------|
|        | Aquatic toxicity                   | Dose           | [h]   [d] | Species   | Source   | Method |
|        | <b>aliphatic urethane acrylate</b> |                |           |           |          |        |
|        | Acute algae toxicity               | ErC >0.68 mg/l | 72 h      | (algae)   | OECD 201 |        |
|        | Acute crustacea toxicity           | EC >1.2 mg/l   | 48 h      | (daphnia) | OECD 202 |        |


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|                   |  |                  |      |                                 |  |  |
|-------------------|--|------------------|------|---------------------------------|--|--|
| <b>75980-60-8</b> | <b>diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide</b> |                  |      |                                 |  |  |
|                   | Acute algae toxicity                                   | ErC >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                |  |  |
| <b>21245-02-3</b> | <b>2-Ethylhexyl 4-(dimethylamino)benzoate</b>          |                  |      |                                 |  |  |
|                   | Acute fish toxicity                                    | LC50 0.235 mg/l  | 96 h | QSAR                            |  |  |
|                   | Acute algae toxicity                                   | ErC50 <0.015     | 72 h | Pseudokirchneriella subcapitata |  |  |
|                   | Acute crustacea toxicity                               | EC50 >0.031 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>aliphatic urethane acrylate</b>                      |          |    |        |
|                   | OECD 301B   | 22 %     | 28 |        |
| <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 |
|------------|---|---------|
| 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.

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

Not identified as PBT / vPvB substances.

**12.6. Other adverse effects**

No information available.

**Further information**

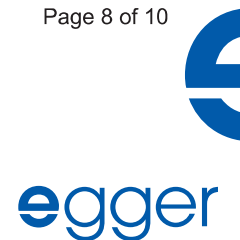
Avoid release to the environment.



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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

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

#### Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

## SECTION 14: Transport information

### Land transport (ADR/RID)

- 14.1. **UN number:** No dangerous good in sense of this transport regulation.
- 14.2. **UN proper shipping name:** No dangerous good in sense of this transport regulation.
- 14.3. **Transport hazard class(es):** No dangerous good in sense of this transport regulation.
- 14.4. **Packing group:** No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

- 14.1. **UN number:** No dangerous good in sense of this transport regulation.
- 14.2. **UN proper shipping name:** No dangerous good in sense of this transport regulation.
- 14.3. **Transport hazard class(es):** No dangerous good in sense of this transport regulation.
- 14.4. **Packing group:** No dangerous good in sense of this transport regulation.

### Marine transport (IMDG)

- 14.1. **UN number:** No dangerous good in sense of this transport regulation.
- 14.2. **UN proper shipping name:** No dangerous good in sense of this transport regulation.
- 14.3. **Transport hazard class(es):** No dangerous good in sense of this transport regulation.
- 14.4. **Packing group:** No dangerous good in sense of this transport regulation.

### Air transport (ICAO-IT/IATA-DGR)

- 14.1. **UN number:** No dangerous good in sense of this transport regulation.
- 14.2. **UN proper shipping name:** No dangerous good in sense of this transport regulation.
- 14.3. **Transport hazard class(es):** No dangerous good in sense of this transport regulation.
- 14.4. **Packing group:** No dangerous good in sense of this transport regulation.

### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No dangerous good in sense of this transport regulation.

## SECTION 15: Regulatory information

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

#### EU regulatory information

**Information according to 2012/18/EU (SEVESO III):** Not subject to 2012/18/EU (SEVESO III)

#### National regulatory information

**Employment restrictions:** Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

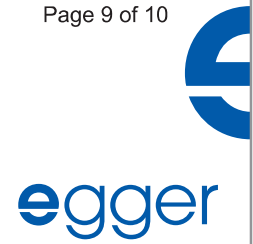




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**Water hazard class (D): 1 - slightly hazardous to water**

**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 %

LD50: Lethal dose, 50 %

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LL50: Lethal loading, 50 %

EL50: Effect loading, 50 %

EC50: Effective Concentration 50 %

ErC50: Effective Concentration 50 %, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

SVHC: Substance of Very High Concern

@1602.B016012

### Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

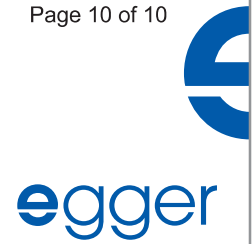
|                     |                          |
|---------------------|--------------------------|
| Classification      | Classification procedure |
| Skin Sens. 1B; H317 | Calculation method       |



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**Relevant H and EUH statements (number and full text)**

H317    May cause an allergic skin reaction.

H360    May damage fertility or the unborn child.

H361f    Suspected of damaging fertility.

H411    Toxic to aquatic life with long lasting effects.

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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