

**Product Name: Egger LP/H**

**Article-No.: 29700, 29710, 29715, 29900  
30000, 30100, 30150, 30400**

Print Date: 27 April 2004

last alteration: 2004-03-29

## 1. Chemical Product and Company Identification

**1.1 Product name:** Egger LP/H

**Colours:** beige-brown, red, blue, flesh, transparent, pink-transparent, white, beige

### 1.2 Manufacturer / distributor identification

company: Egger Otoplastik+Labortechnik GmbH  
Aybühlweg 59  
D-87439 Kempten

Phone: +49 - 8 31 - 5 81 13 –60

Fax: +49 - 8 31 - 5 81 13 –14

Internet: www.egger-labor.com

e-mail: sales@egger-labor.de

Poison emergency: Munich (Germany) (Toxicological department of the II. Med. Hospital)

Phone: 00 49 –89 –1 92 40

## 2. Composition / Information on Ingredients

**2.1 Chemical characterization (preparation):** Mixture of acrylic/methacrylic resins and silicid acid with auxiliary matters.

**2.2 Hazardous ingredients:** Methacrylates > 10 %

**2.3 Additional advice:** ---

## 3. Possible Hazards

Critical hazards to man and environment: Irritating to eyes, respiratory system and skin.

## 4. First-Aid Measures

**General information:** Take off immediately all contaminated clothing. Medical advice is necessary in case of symptoms evidently being due to the contact of this product with skin and eyes, or being due to the inhalation of its vapours.

**After inhalation:** Move to fresh air immediately and lay the victim restful down, in case of respiratory distress in a stable lateral position. Seek medical advice immediately.

**After skin contact:** Wash with plenty of water and soap. Do not use organic solvents! Avoid direct UV- or sunlight! In case of irritations seek medical advice.

**After eye contact:** Rinse immediately with plenty of water for at least 15 minutes and seek medical advice immediately.

**After swallowing:** Immediately seek medical advice and clearly identify substances. Rinse mouth well with water and let drink plenty of water. Do not induce vomiting!

**Advice to doctor:** ---

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## 5. Fire-Fighting Measures

**Suitable extinguishing material:** Water mist, dry powder, foam, carbon dioxide

**Extinguishing material which must not be used for safety reasons:** Water jet

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:** Do not breathe combustion gases.

**Special protective equipment for fire fighting:** Use respiratory protection independent of recirculated air. Wear suitable protective clothing. Accomplish decontamination by means of explosion-proofed equipment.

**Additional information:** ---

## 6. Accidental Release Measures

**Personal precautions:** Avoid exposure. Wear suitable protective clothing. Provide for sufficient ventilation.

**Environmental precautions:** Observe local bye-laws. Keep away from sewage treatment plants, inshore waters and earth.

**Methods for cleaning up:** Absorb mechanically or with liquid binding material (diatomaceous earth) and dispose of according to regulations.

## 7. Handling and Storage

### 7.1 Handling:

Precautions for safe handling: Avoid contact of unpolymerised product with eyes, skin and clothing.

Precautions against fire and explosion: Take precautionary measures against static discharges. Keep away from sources of ignition – No smoking. Cool endangered containers with water, may form explosive mixtures with air. Do not breathe combustion gases.

### 7.2 Storage:

Conditions for storage rooms and vessels: Keep only in the original container in a cool, dry and well ventilated place, away from food stuffs. Keep container always tightly closed. Keep away from oxidising agents, alkaline or acid substances.

Advice for storage of incompatible materials:

Further information for storage: Keep in a refrigerator at 10° C ± 2° C (50° F ± 3.6° F). Keep away from all kind of light. An inert blanket should not be applied, because the stability of the product depends on the presence of oxygen (air).

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## 8. Exposure Controls / Personal Protection

**8.1 Additional advice on system design:** Provide for sufficient ventilation/suction system.

**8.2 Ingredients with occupational exposure limits to be monitored:** ---

### 8.3 Personal protection equipment

**General protection and hygiene measures:** Avoid contact with eyes and skin. Take off immediately all contaminated clothing. Avoid breathing airborne droplets.

**Respiratory protection (filter A):** Necessary in case of insufficient ventilation, liberation of vapours due to overheating.

**Hand and skin protection:** Protective gloves of polyethylene or polypropylene.

**Eye protection:** Protective glasses

**Hygiene measures:** ---

## 9. Physical and Chemical Properties

### 9.1 Appearance:

**Form:** liquid  
**Colour:** different colours  
**Odour:** faintly like esters

### 9.2 Data relevant for safety

#### Method

<b>pH-value:</b>	n. a.	
<b>Changes in physical state:</b>	---	
<b>Decomposition temperature:</b>	---	
<b>Flash point:</b>	> 100° C (212° F)	DIN 51755
<b>Ignition temperature:</b>	n. a.	
<b>Explosion properties:</b>	n. a.	
<b>Vapour pressure:</b>	< 1 hPa at 20° C (68° F)	
<b>Viscosity:</b>	---	
<b>Density:</b>	approx. 1.2 g/cm <sup>3</sup> at 20° C (68° F)	DIN 51757

### 9.3 Further information

**Solubility in water:** insoluble  
**Solubility in organic solvent:** n. a.

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## 10. Stability and Reactivity

**General information:** If stored and handled according to standard industrial practices no hazardous reactions are known.

**Thermal decomposition:**  $\geq 190^{\circ}\text{C}$  ( $374^{\circ}\text{F}$ )

**Conditions to avoid:** UV-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  $10^{\circ}\text{C} \pm 2^{\circ}\text{C}$  ( $50^{\circ}\text{F} \pm 3.6^{\circ}\text{F}$ ).

**Materials to avoid:** Reducing agents, free-radical producing initiators, heavy metal ions.

**Hazardous decomposition:** None, if handled in appropriate manner. In case of fire acid acrylic fumes may occur.

## 11. Toxicological Information

**Acute oral toxicity (LD<sub>50</sub>):** species rat > 5000 mg/kg origin literature

**Acute oral toxicity (LD<sub>50</sub>):** species rabbit > 5000 mg/kg origin literature

These data refer to the methacrylate components.

**Additional information:** ---

## 12. Ecological Information

**12.1 Data on elimination (persistence and degradability):** no data known

**12.2 Behaviour in environmental compartments:** no data known

**Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition):** ---

**12.3. Ecotoxicological effects:** Do not induce into purification plants.

**12.4 Further information / ecology:** Do not lead into waste water. Do not introduce into in-shore waters and earth.

## 13. Disposal Considerations

**Waste code No.:** 07 02 13 (AVV)

### Material:

**Recommendation:** Dispose of according to regulations by incineration in a special waste incinerator. Observe local bye-laws.

### Contaminated packaging:

**Recommendation:** Fully empty containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/national bye-laws.

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## 14. Transport Information

**14.1 Regulations for land (ADR/RID/GGVS/GGVE)** Non-Hazardous material  
**ADR/RID-GGVS/E class:** --- **No./letter:** ---  
**LQ land:** ---

**14.2 Regulations for inland waterways (ADN/ADNR)** Non-Hazardous material  
**ADR/ADNR class:** --- **No./letter:** --- **category:** ---

**14.3 Regulations for sea (IMDG/GGV See)** Non-Hazardous material  
**IMDG/GGVSea-class:** ---  
**EmS:** --- **LQ sea:** ---  
**Marine pollutant:** ---

**14.4 Regulations for air (ICAO/IATA)** Non-Hazardous material  
**ICAO/IATA-class:** ---  
**UN-no.:** --- **Proper name:** ---  
**Air mail transportation:** ---

**14.5 Transport / further information:** ---

## 15. Regulatory Information

**15.1 Labelling according to EC-regulations:**

**Labelling:** Xi

**Symbols and hazard classification:** irritating, contains methacrylates

**EEC/R:** 37/38 Irritating to respiratory system and skin

**EEC/S:** 26-28 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin wash immediately with plenty of water and soap.

**Special labelling for certain preparations:**

**15.2 National regulations (German)**

Restriction of occupation: ---

TA-Luft/classification, compound, remarks: ---

Water hazard class (German only): WGK 1

**15.3 Other regulations, restrictions and prohibition regulations**

## 16. Other information

n. a. = not applicable

n. s. = not subject to

These data are given here according to our current knowledge on experience. The data does not signify any warranty with regard to the product's properties.