

Product Name: egger LP/H Lacquer antibac**Article-No.:** 30621, 30622, 30624

Print Date: 4 December 2006

last alteration 13.10.2006

1. Chemical Product and Company Identification

1.1 Product Name: egger LP/H Lacquer antibac**1.2 Manufacturer / Distributor Identification**

Company: egger Otoplastik+Labortechnik GmbH
Aybühlweg 59
87439 Kempten

Phone: +49 831 58113-60

Fax: +49 831 58113-14

Internet: www.egger-labor.com

E-Mail: sales@egger-labor.de

Poison Emergency: Munich (Germany) (Toxicological department of the II. Med. hospital)

Phone: +49 89 19240

2. Composition / Information on Ingredients

2.1 Chemical Characterization (Preparation): Mixture of acrylic/methacrylic resins with auxiliary matters and small parts of Triclosan (> 0.3 %).**2.2 Hazardous Ingredients:** Methyl methacrylate 40-60 % (CAS-No.: 80-62-6)**2.3 Additional Advice:** ---

3. Possible Hazards

Critical Hazards to Man and Environment: R-Phrases: 11-37/38-43

Highly flammable. Irritating to respiratory system and skin. May cause sensitisation by skin contact.

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:** Seek medical advice immediately. Move to fresh air and lay the victim restful down, in case of respiratory distress in a half-sitting position.**After Skin Contact:** Wash with plenty of water and soap. Do not use organic solvents! Avoid direct UV- or sunlight. In case of skin irritation seek medical advice.**After Eye Contact:** Rinse immediately with plenty of water for at least 15 minutes and seek medical advice immediately.**After Swallowing:** Seek medical advice immediately. Rinse mouth well with water and 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 re-circulated 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, in-shore waters and earth.**Methods for Cleaning up:** Absorb 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 foodstuffs. Keep container always tightly closed.**Advice for Storage of incompatible Materials:** Keep away from oxidising agents, alkaline or acidic substances.**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 gas 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:** CAS-No.: 80-62-6 (Methyl methacrylate) 210 mg/m³ = 50 ppm**8.3 Personal Protection Equipment****General Protection and Hygiene Measures:** Avoid contact with eyes and skin. Take off immediately all contaminated clothing. Do not breathe vapours.**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
Odor: faintly like esters
Color: slightly yellowish

9.2 Data relevant for Safety

pH-Value: n. a.
Thermal Decomposition: > 100 °C (> 212 °F)
Boiling Point: 92 °C (168 °F)
Flash Point: 12 °C (54 °F)
Ignition Temperature: > 400 °C (752 °F)
Explosion Properties: lower: appr. 2 vol. % - upper: appr. 12 vol. %
Vapor Pressure: appr. 40 hPa at 20 °C (68 °F) / appr. 16 kPa at 50 °C (122 °F)
Viscosity: ---
Density: appr. 1.1 g/cm³ at 20 °C (68 °F)

9.3 Further Information:**Solubility in Water:** sparingly soluble

10. Stability and Reactivity

General information: ---**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 10 °C ± 2 °C (50 °F ± 3.6 °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 acrid acrylic fumes could occur.

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11. Toxicological Information

General information: Prolonged exposure or larger amounts of the product may irritate the skin and the mucous membranes. In persons bearing a special disposition, the product may cause sensitisation by skin contact.

Acute oral toxicity (LD₅₀): Species rat: 7,872 mg/kg, species mouse: 5,204 mg/kg. Origin: literature. These data refer to the ingredient methyl methacrylate.

Acute cutaneous toxicity (LD₀): Species rabbit: 5,000 mg/kg. Origin: literature. These data refer to the ingredient methyl methacrylate.

Irritation of Skin: ---

Irritation of Eye: ---

Additional Information: ---

12. Ecological Information

12.1 Data on Elimination (Persistence and Degradability): no data known

12.2 Behavior in environmental Compartments: no data known

12.3. Ecotoxicological Effects:

Effects in sewage Treatment Plants (Bacteria Toxicity: Respiration-/Reproduction Inhibition):

Do not introduce into purification plants.

12.4 Further ecological Information: Do not lead into wastewater. Do not introduce into in-shore waters and earth.

13. Disposal Considerations

Waste Code No.: 07 02 13 (AVV)

Product:

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

Contaminated Packaging:

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

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14. Transport Information

Regulations for Land (ADR/RID/GGVS/GGVE)

ADR/RID-GGVS/E Class 3**cl.-Code:** F1**Hazard No.:** 33**Substance-No.:** 1866**PG:** II**LQ Land:** LQ6 (5 l / 30 kg)**Nomenclature:** Resin solution (vapour pressure at 50 °C (122 °F) not more than 110 kPa)**Further information:** Flammable liquid**Transportation emergency card:** 3

Regulations for Sea (IMDG/GGV Sea)

IMDG/GGV Sea Class: 3**Label:** 3**UN-No.:** 1866**PG:** II**EmS:** F-E, S-E**Marine pollutant:** ---**Proper shipping name:** Resin solution**Technical name:** Flammable liquid**Flash point:** 12 °C c. c.**LQ Sea:** 5 L / 30 kg

Regulations for Air (ICAO/IATA)

ICAO/IATA Class: 3**UN-No.:** 1866**PG:** II**Proper shipping name:** Resin solution**Technical name:** Flammable liquid**Packing regulations:** PAC: 305, Max net.: 5 L

CAO: 307, Max net.: 60 L

Expected Quantities: 30 mL / 500 mL**LQ:** 1 L / 30 kg (Y305)**Air mail transportation:** not permitted**Further Information:** ---

15. Regulatory Information

15.1 Labeling according to EC-Regulations:

Labeling:

Highly flammable, Irritating

Symbol and hazard Classification:

F Xi

Contains: Methyl methacrylate

R-Phrases: 11-37/38-43 Highly flammable. Irritating to respiratory system and skin. May cause sensitisation by skin contact.**S-Phrases:** 7/9-16-24-33-37-46 Keep container tightly closed and in a well-ventilated place.

Keep away from sources of ignition – No smoking. Avoid contact with skin. Take precautionary measures against static discharges. Wear suitable gloves. If swallowed, seek medical advice immediately and show the label or this safety data sheet.

Further Information: ---

15.2 National Regulations (Germany)

Restriction of Occupation: ---**Classification according to VbF:** A I**Water hazard Class (Germany only):** WGK 2

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.