



Product name: Duplicating material

REF: 40900, 40903

Date of print: 19 February 2015

Date of last alteration: 24 July 2014

1. Identification of the substance or preparation and of the company

1.1 Commercial product name: Duplicating material (Hydrocolloid)

1.2 Use of the substance/the preparation

Health services

1.3 Company/undertaking identification

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-labor.com
E-mail: sales@egger-labor.de
Emergency number : Munich, Germany, toxicological dep. of the II. Med. Hospital)
+49 89 19240

2. Hazard identification/Labeling

2.1 Classification

Classification according to 67/548/EEC, 1999/45/EC:

2.2 Labeling

Classification according to 67/548/EEC, 1999/45/EC:

Hazard indication: ---

Identification letters: ---

Danger pictogram: ---

R-phrases: ---

S-phrases: ---

Further information: ---

3. Composition/information on ingredients

3.1 Chemical characterization (preparation)

Description:

Contains 1,2,3-Propantriol

3.2 Hazardous ingredients:

Name: ---

CAS-No.: ---

EC-No.: ---

Index-No.: ---

Concentration: ---

According to 1999/45/EC:

Identification letter: ---

EC/R: ---

According to 1272/2008/EC: ---





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3.3 Further information

4. First aid measures

4.1 General information

4.2 After inhalation

4.3 After contact with the skin

Following contact with the melted product, quickly cool affected skin area with water.

4.4 After contact with the eyes

Rinse immediately carefully and thoroughly with eye-bath or water.
In case of troubles or persistent symptoms, consult an ophthalmologist.

4.5 After swallowing

4.6 Autoprotection of the first assistant

4.7 Information for the specialist

5. Fire fighting measures

5.1 Suitable extinguishing media

The product itself is not combustible. Extinguishing materials should be selected according to the surrounding area.

5.2 Extinguishing media which must not be used for safety reasons

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

5.4 Special protective equipment for fire fighting

5.5 Further information

6. Accidental release measures

6.1 Personal precautions

6.2 Environmental precautions





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6.3 Methods for cleaning up

Collect mechanically.

6.4 Further information

7. Handling and Storage

7.1 Precautions for safe handling

7.2 Precautions against fire and explosion

7.3 Further information

7.4 Conditions for storage rooms and vessels

Keep container tightly closed.

7.5 Advice for storage of incompatible materials

7.6 Definite use

8. Exposure controls and personal protection

Limit values for the exposition at the place of work and/or biological limit values:

8.1 Occupational exposure limits (OELs) in Germany

8.2 Indicative occupational exposure limit values of the European Union

8.3 Limitation and control of the exposition

8.4 Personal protection equipment

8.4.1 Respiratory protection

8.4.2 Hand protection

8.4.3 Eye protection

8.4.4 Body protection

8.5 General protection and hygiene measures

When using do not eat or drink. Wash hands before breaks and at the end of work.





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8.6 Limitation and control of the environmental exposition

9. Physical and chemical properties

9.1 Appearance

Form: solid (20°C)
Color: colorless
Odor: odorless

9.2 Important safety information

Method

pH-value: (at 50 °C/122 °F) 7
Change of state:
...Melting point: 90 °C/194 °F
Boiling point: ---
Decomposition temperature: ---
Flash point: ---
Autoflammability: ---
Flammability limits: ---
Vapor pressure: ---
Viscosity: ---
Density: 1.18 g/cm³

9.3 Further information

Thermal decomposition: ---
Solubility in water: (at 90 °C/194 °F) miscible
Distribution coefficient
octanol/water: ---
Solvent separation test: ---
Solvent content: ---
Solidification point: 35 °C/95 °F

10. Stability and reactivity

10.1 Conditions to avoid

10.2 Materials to avoid

10.3 Hazardous decomposition products

none/none

10.4 Further information

Possibility of hazardous reactions: No risks worthy of mention.





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11. Toxicological information

11.1 General information

11.2 Toxicological tests

Acute toxicity:

Acute toxicity (oral): Rat. > 5000 mg/kg

Irritation and corrosivity:

Irritant effect on the skin: Not an irritant.

Irritant effect on the eye: Not an irritant.

Sensitizing effects:

no danger of sensitization.

11.3 Practical experience

11.4 Information on the ingredients

12. Ecological information

12.1 Ecological toxicity

12.2 Mobility

12.3.Persistence and degradability

12.4 Potential of biological accumulation

12.5 Test result of PBT characteristics

12.6 Other harmful effects

12.7 Ecological information

Physicochemical elimination: Product is biodegradable.

13. Disposal considerations

13.1 Material

13.2 Recommendation

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

13.3 European Waste Catalog Ref.No.





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13.4 Contaminated packaging

Cleaned containers may be recycled.

13.5 Non-contaminated packaging

14. Transport information

14.1 Land transportation (ADR/RID/GGVS/GGVE)

ADR/RID-GGVS/E-class Not a hazardous material with respect to transportation regulations.

Cl.-code: --- **Label:** ---

Substance No.: --- **UN-No.:** --- **PG:** ---

Shipping name: ---

Transportation emergency card number: ---

Warning board – Hazard No.: ---

Further information: ---

Limited quantities: ---

LQ Land: ---

14.2 Inland navigation (ADN/ADNR)

ADN/ADNR-class Not a hazardous material with respect to transportation regulations.

Number/letter: --- **Category:** ---

Further information: ---

14.3 Transportation by sea (IMDG/GGV Sea)

IMDG/GGV Sea-class: Not a hazardous material with respect to transportation regulations.

Label: --- **UN-No.:** --- **PG:** ---

EmS: ---

Marine pollutant: ---

Proper shipping name: ---

Technical name: ---

LTD. QTY: ---

LQ Sea: ---

14.4 Air transportation (ICAO-TI/IATA-DGR)

ICAO/IATA-class: Not a hazardous material with respect to transportation regulations.

UN/ID-No.: --- **PG:** ---

Proper shipping name: --- **Label:** --

Technical name: ---

Further information: ---

Air mail transportation: ---

15. Regulatory information

National regulations (Germany)

15.1 Occupational restrictions:

15.2 Classification according to VbF





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15.3 Classification of possible adverse effects in the aquatic environment (WGK)

(D): - not water contaminating

15.4 Further information

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

16. Other information

16.1 Wording of the R-phrases under section 3:

R-phrases (used in section 3):

Identification letters:

16.2 Explanation of the abbreviations:

n. a. = not applicable n. s. = not subject to
VbF = Verordnung über brennbare Flüssigkeiten (= Guidelines on flammable liquids)
WGK = Wassergefährungsklasse (= Water Hazard Classification)

16.3 Literature register

The given information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations.

