

Date of print: 2008-04-22
Date of last alteration: 2008-04-22 - Version: English
Art. -No., product name: **03000 - 2 Molloplast® B**

DETAX

1 Identification of the substance / preparation and of the company / undertaking

1.1 Identification of the substance or preparation:

1.1.1 Commercial Product Name: Molloplast® B

1.1.2 Use: Relining material for use in dentistry.

1.2 Company / undertaking identification:

Manufacturer / distributor: DETAX GmbH & Co. KG

Street / POB-No.: Carl-Zeiss-Str. 4

State / postal code / city: D-76275 Ettlingen

Telephone: +49 7243/510-0 Telefax: +49 7243/510-100

2 Composition / information on ingredients

2.1 Chemical characterisation (preparation): Description: Contains polydimethylsiloxane + inert filler and pigment + small part of organic peroxide.

2.2 Substances presenting a health hazard: Dibenzoylperoxide

Concentration: < 1%

CAS-No.: 94-36-0

Identification letter: E Xi

EC/R: 2-36-43: Risk of explosion by shock, friction, fire or other sources of ignition. Irritating to eyes. May cause sensitisation by skin contact.

2.3 Labelling of the preparation: According to EC-guideline 1999/45/EC, the product is not to be labelled.

3 Hazards identification

3.1 Critical hazards to man and environment: Unknown.

4 First aid measures

4.1 General information: Take off all contaminated clothing.

4.2 After inhalation: No special measures required.

4.3 After contact with the skin: Wash with plenty of water and soap. In case of persisting irritation seek medical advice.

4.4 After contact with the eyes: Rinse the open eyes immediately with plenty of water for at least 15 minutes, seek immediately medical advice.

4.5 After swallowing: Rinse mouth well with water and drink plenty of water. If you feel unwell, seek medical advice.

5 Fire fighting measures

5.1 Suitable extinguishing media: Water mist, dry powder, foam, carbon dioxide.

5.2 Extinguishing media which must not be used for safety reasons: Unknown.

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

5.4 Special protective equipment for fire fighting: Use respiratory protection independent of recirculated air.

6 Accidental release measures

6.1 Personal precautions: No special precautions required.

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- 6.2 Environmental precautions: Observe local byelaws. Keep away from sewage treatment plants and in-shore waters.
- 6.3 Methods for cleaning up: Remove mechanically or absorb with liquid binding material (sand, diatomaceous earth, sawdust) and dispose of according to regulations; for disposal see part 13.

7 Handling and storage

- 7.1 Handling:
 - Precautions for safe handling: Avoid direct contact of unpolymerised product with eyes, skin and clothing.
 - Precautions against fire and explosion: No special precautions required.
- 7.2 Storage:
 - Conditions for storage rooms and vessels: No special conditions.
 - Advice for storage of incompatible materials: Incompatible materials are unknown.
 - Further information for storage: Keep containers tightly closed.
Keep in a refrigerator at 2 °C - 12 °C / 35 °F - 54 °F.

8 Exposure controls / personal protection

- 8.1 Further information for system design and engineering measures: No further informations.
- 8.2 Associated substance with specific control parameters such as limit values: No associated substances.
- 8.3 Personal protection equipment:
 - General protection and hygiene measures: The usual precautions in handling with chemicals are to be observed.
 - Respiratory protection: Not required.
 - Hand protection: Protective gloves (e.g. of nitrile rubber) are recommended.
 - Eye protection: To avoid mechanical injuring of the eyes wear protective goggles.

9 Physical and chemical properties

- 9.1 Appearance:
 - Form: paste
 - Colours: flesh coloured
 - Odour: odourless
- 9.2 Safety parameters: Method (67 / 548 / EC)
 - Change in physical state:
 - Melting point.....: not available
 - Flash point = > 160 °C / 320 °F DIN 51755
 - Inflammability: not available
 - Ignition temperature = > 200 °C / 392 °F DIN 51794
 - Autoflammability.....: not available
 - Oxidising properties: not available
 - Explosive properties.....: not available
 - Explosion limits: not available
 - Vapour pressure = < 1 hPa at 20 °C / 68 °F
 - Density = approx. 1.1 g/cm³ at 20 °C / 68 °F DIN 51757
 - Solubility in water = virtually insoluble
 - pH-value.....: n.a.
 - Distribution coefficient octanol / water: not available
 - Viscosity.....: not available

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9.3 Further information:
 Thermal decomposition: = > 250 °C / 482 °F

10 Stability and reactivity

- 10.1 Conditions to avoid: The material may autopolymerise at a temperature exceeding 60 °C / 140 °F. Therefore keep containers tightly closed in a refrigerator at 2 °C - 12 °C / 35 °F - 54 °F.
- 10.2 Materials to avoid: No materials known.
- 10.3 Hazardous decomposition products: At a temperature of approx. 150 °C / 302 °F a small amount of formaldehyde can be released by oxidative degradation.

11 Toxicological information

- 11.0 General information: According to present experience, the material shows no health risk if handled appropriately.
- 11.1 Acute toxicity: No data known.

12 Ecological information

- 12.1 Information on elimination (persistence and degradability):
 No data known.
- 12.2 Behaviour in environmental compartments: No data known.
- 12.3 Ecotoxicological effects:
 Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition):
 Do not introduce large amounts into water purification plants.

13 Disposal considerations

- 13.1 Material: Recommendation: Dispose of according to regulations by incineration in a special waste incinerator. Observe the local byelaws.
 European Waste Catalogue Ref.No.: 07 02 17 (AVV).
- 13.2 Contaminated packaging: Recommendation: Fully empty containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/national byelaws.

14 Transportation information

- 14.1 Land transportation ADR/RDI and GGVS/GGVE:
 GGVS/GGVE: Non-hazardous material
 ADR/RID: Non-hazardous material
 Transportation emergency card number:
 Warning board - Hazard No.:
 Nomenclature.....:
 Further information.....:
 Limited Quantities:
- 14.2 Inland navigation ADN/ADNR:
 Further information: Non-hazardous material
- 14.3 Transportation by sea IMDG/GGVsea:
 IMDG/GGVsea-class ..: Non-hazardous material

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EmS-No..... :
 Marine pollutant :
 Proper shipping name.. :
 Technical name..... :
 LTD. QTY..... :

14.4 Air transportation ICAO-TI and IATA-DGR transportation by air:

ICAO/IATA-class..... : Non-hazardous material

Proper shipping name.. :

Technical name..... :

Further information:

Air mail transportation...: permitted

15 Regulatory information

15.1 Identification according to EC directives

Identification letter and hazard indication of the product:

The product is not to be labelled according to the EC-guideline 1999/45/EC.

15.2 National regulations (Germany):

Classification of possible adverse effects in the aquatic environment (Wassergefährdungsklasse):

Class 1 (slight adverse effects in the aquatic environment).

16 Other information

n.a. = not applicable

n.s. = not subject to

The above 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.