

Material Safety Data Sheet

According to 91/155 EEC

Reviewed on 31.07.2009

Trade name: Relax

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

- Trade name: Relax

- Artikelnummer: 06500010/06500001

- **Manufacturer/Supplier:** Klasse 4 Dental GmbH
Bismarckstr. 21
D-86159 Augsburg

Tel. 0049- (0) 821-60 89 14 0

Fax 0049- (0) 821-60 89 14 10

- **Further information obtainable from:** see above

- **Information in case of emergency:** see above

-Chemical characterization

-**Description:** Mixture of substances listed below with nonhazardous additions.

-**Dangerous components:** Void

-**Additional information:** For the wording of the listed risk phrases refer to section 16.

2. Composition/information on ingredients

- **Chemische characterization:** Polysiloxanemulsion

3. Hazards identification

- **Hazard description:** not applicable

- **Information concerning particular hazards for human and environment:**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Keep out of the reach of children

- **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4. First-aid-measures

- **General information:** No special measures required

- **After inhalation:** Supply fresh air. Consult doctor in case of complaints.

- **After skin contact:** Generally the product does not irritate the skin.

- **After eye contact:** Rinse opened eye for several minutes under running water.

- **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.

5. Fire-fighting measures:

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- **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

6. Accidental release measures:

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow to enter sewers/surface or ground.
- **Measures for cleaning/collecting:** Absorb liquid components with liquid-binding material
- **Additional information:** No dangerous substances are released.

7. Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire – and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

8. Exposure controls / personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis
- **Personal protective equipment:**
- **General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:** Solvent resistant gloves.
The glove material has to be impermeable and resistant to the product / the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product the Preparation/the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the Degradation
- **Material of gloves** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Natural rubber, NR
- **Penetration time of glove material** The exact break through time has to be found out by the manufacturer of the protective gloves and has

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to be observed.

- **For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:**
Natural rubber, NR
- **Eye protection:** Not required.

9. Physical and chemical properties

- General Information

- **Form:** Liquid
- **Colour:** According to the product specification
- **Odour:** Characteristic
- **Change in Condition**
 - Melting point / Melting range:** 0°C
 - **Boiling point/Boiling range:** Not applicable
 - **Flash point:** Not applicable
 - **Self-igniting:** Product is not selfigniting
 - **Danger of explosion:** Product does not present an explosion hazard.
 - **Vapour pressure at 20°:** Not applicable
 - **Density at 20°C:** 1g/cm³
 - **Solubility in / Miscibility with**
 - Water:** mixable
 - **Solvent content:**
 - Organic solvents:** 0.0 %
 - Water:** 97.4 %
 - **Solids content:** -

10. Stability and reactivity

- **Thermal decomposition/conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions:**
No dangerous reactions known.
- **Dangerous decomposition products:**
No dangerous decomposition products known.

11. Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **On the skin:** No irritant effect.
- **On the eye:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12. Ecological information

- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.

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Do not allow product to reach ground water, water course or sewage system.

13. Disposal considerations

- **Product:**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packing:**
- **Recommendation:** Disposal must be made according to official regulations.

14. Transport information

- Land transport ARD/RID (Cross-border)

- ARD/RID class: -
- Danger code (Kemler): -
- UN-Number: -
- Packaging group: -
- Hazard label: -
- Description of goods: -

- Maritime transport IMDG:

- IMDG Class: -
- UN Number: -
- Label: -
- Packaging group: -
- EMS Number: -
- Marine pollutant: **No**
- Proper shipping name: -

- Air transport ICAO-TI and IATA-DGR:

- ICAO/IATA Class: -
- UN/ID Number: -
- Label: -
- Packaging group: -
- Proper shipping name: **-non-flammable**

15. Regulatory information

- Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations under EU Directives and the Ordinance

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on Hazardous Materials (German GefStoffV).

- **Risk phrases:** In use, may form flammable/explosive vapour-air mixture.

- **Safety phrases:**

23 Do not breathe aerosol.

56 Dispose of this material and its container to hazardous or special waste collection point.

- **Special labelling of certain preparations:**

Safety data sheet available for professional user on request.

Keep out of the reach of children.

- **National regulations:**

Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.