

MATERIAL SAFETY DATA SHEET

KERADOUBLE RT

version-no.: 02

valid from: 06/2016

replac version no. 01 from 02/2012

1. Product and company identification

Product name: KERADOUBLE RT
Gelatine for duplication of investment models

Manufacturer: Eisenbacher Dentalwaren ED GmbH
Street: Dr.-Konrad-Wiegand-Str. 9
ZIP/city/Country.: 63939 Woerth / GERMANY
Phone: +49 9372 – 94 04 0
Fax: +49 9372 – 94 04 29
Information department: +49 9372 – 94 04 0
Emergency information: +49 9372 – 94 04 0
Email: info@eisenbacher.de
Homepage: www.eisenbacher.de

2. Hazards identification

Classification acc. reg. 1272/2008/CE: No hazard identification

3. Composition / information on ingredients

Hazardous components according to EC-Directives 67/548 and 1999/45

- Monoethylene glycol CAS No. 107-21-1; CE no. 203-473-3
Index No. 603-027-00-1; CE Reg.no. 01-2119456816-28
Share <24% - Directive 67/548/CE: Xn; R22
- Reg. 1272/2008: Acute tox. 4; H302 STOT RE 2; H373

The complete text of the R/H/P phrases is given under §16 .

4. First aid measures

Ingestion: Do NOT give an unconscious person anything to drink. If discomfort occurs seek medical advice showing this MSDS.

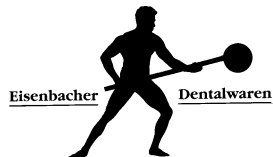
Skin contact: In case of irritation wash with soap and water

Eye contact: Rinse with water whilst keeping the eyes wide open. If irritation persists, consult an eye specialist.

Inhalation: Remove to fresh air. If discomfort occurs seek medical advice.

5. Fire-fighting measures

The product is not flammable



6. Accidental release measures

Personal precautions: Avoid the contact with the hot product.
Environmental precautions: Does not present any particular risk for the environment.
Recovery: In case of fluid product contain the liquid with dry sand or dry inert absorbent, wait until it gets cold and solid and collect it. The recovered material can be either reused or disposed according to local regulations and provisions.

7. Handling and storage

Handling: Does not require any specific or particular measures. Avoid the contact with the hot product and the inhalation of vapours.
Storage: Keep the containers closed in a cool place, avoid hot temperatures and direct exposure to sunlight.

8. Exposure controls / personal protection

Engineering measures: No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.
Exposition limit values: CAS no. 107-21-1; CE no. 203-473-3
DNEL (EC) long term systemic effects skin 106 mg/kg
DNEL (EC) long term local effects inhalation 35 mg/m³
TWA (EC) 20 ppm / 52 mg/m³
Hygiene measures: Do NOT drink, eat or smoke in the workplace. Keep the workspace aired

9. Physical and chemical properties

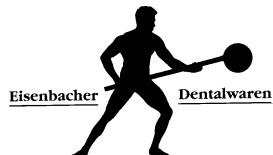
Appearance and colour: Gelatine, light green
Odour: None
PH at 60°C: 6 - 7
Boiling temperature: ≥ 100 °C
Solidification temperature: 36 - 39 °C
Flash point: not applicable
Solubility in water: Cold practically insoluble, hot completely soluble

10. Stability and reactivity

Stability: Stable at normal conditions
Materials to avoid: Acids, bases and strong oxidizing agents.
Hazardous decomposition products: None known

11. Toxicological information

Following the toxicological informations regarding the main components of the product:
Acute toxicity: LD50 (Monoethylene glycol N.CAS 107-21-1) ingestion (Rat) 7712 mg/kg
LD50 (Glycerine N.CAS 56-81-5) ingestion (Rat) 12600 mg/kg
Local effects: In case of contact with eye can cause irritation.



12. Ecological information

Handle the product in accordance with the general rules of occupational hygiene and safety and avoid the product to be released into the environment.

Following the ecological informations regarding the hazardous component of the product.

For the evaluation of the possible ecological effects consider the concentration of the components.

Aquatic toxicity (Monoethylene Glycol N.CAS 107-21-1):

- LC50 Fish (*Pimephales promelas*) 72860 mg/l (test period: 96h)
- EC50 Daphnia (*Daphnia magna*) > 100 mg/l (test:period 48h)
- EC50 Algae (*Selenastrum capricornutum*) 6500 - 13000 mg/l (test period: 96h)

No data available concerning mobility and bioaccumulation potential.

Biodegradability: Easily biodegradable

13. Disposal considerations

Follow local or regional regulations regarding disposal.

NOTE: The user's attention is drawn to the possible existence of local regulations regarding disposal.

14. Transport information

Rail/road (RID/ADR): NOT restricted

Sea (IMO/IMDG): NOT restricted

Air (ICAO-IATA): NOT restricted

NOTE: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

15. Regulatory information

Following the classification according to Directive 67/548/EC and subsequent amendments and in accordance with Regulation 1272/2008/EC the product does not require any labeling.

NOTE: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the Safety Data Sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. Other Information

H Phrases §2 and §3:	H302 H373	Harmful if swallowed. May cause damage to organs through prolonged or repeated exposure.
P Phrases §2 and §3:	P301/312 P330 P501	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Dispose of contents/container to licensed waste collection point.

The information given is based on our knowledge of this product at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfil his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than these mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.