



MATERIAL SAFETY DATA SHEET

According to (EG) 1907/2006 (REACH)

Date of printing: 25.11.2015

reviewed on: 18.11.2015

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1. Identification of the Substance / Preparation and Company:

Identification of the substance or preparation:

Commercial product name:

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Use / Purpose

Denture Base Resin, self-curing acrylic, powder component of the 2-component acrylic system based on methyl methacrylate (powder and liquid), for the purpose of crafting individual dentures.

Company / Manufacturer:

ERNST HINRICHS Dental GmbH

Borsigstr. 1

D - 38644 Goslar

0 53 21 / 5 06 24

0 53 21 / 5 08 81

info@hinrichs-dental.de / www.hinrichs-dental.de

2. Hazards Identification:

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC:

This substance is not classified as hazardous according to Directive 67/548/EEC.

Classification according to Regulation (EC) No. 1272/2008 [CLP]:

This substance is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2 Label elements

2.3 Other hazards:

No information available.

3. Composition / Information on Ingredients:

3.1 Substances

Chemical characterization:

Viscose flock

4. First aid measures:

4.1 Description of first aid measures

After inhalation:

Provide fresh air.

After contact with skin:

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes:

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion:

Rinse mouth immediately and drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed:

No information available.

4.3 Indication of any immediate medical attention and special treatment needed:

Treat symptomatically.

5. Fire Fighting measures:

5.1 Extinguishing media

Suitable extinguishing media:

Co-ordinate fire-fighting measures to the fire surroundings.

5.2 Special hazards arising from the substance or mixture:

Non-flammable.

5.3 Advice for firefighters:

In case of fire: Wear self-contained breathing apparatus.

6. Accidental release measures:

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid generation of dust. Do not breathe dust.

6.2 Environmental precautions:

No special environmental measures are necessary. Clean contaminated objects and areas thoroughly observing environmental regulations.



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| 6.3 | Methods and material for containment and cleaning up: | Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal. |
| 6.4 | Reference to other sections: | Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13 |

7. Handling and Storage:

- | | | |
|-----|---|--|
| 7.1 | Precautions for safe handling
Advice on safe handling:
Advice on protection against fire and explosion: | No special measures are necessary.
No special fire protection measures are necessary. |
| 7.2 | Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels:
Advice on storage compatibility: | Keep container tightly closed.
No special measures are necessary. |
| 7.3 | Specific end use(s): | Auxiliary material |

8. Exposure controls / Personal protection:

- | | | |
|-----|--|---|
| 8.1 | Control parameters: | |
| 8.2 | Exposure controls:
Protective and hygiene measures

Eye/face protection
Hand protection

Skin protection
Respiratory protection | Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.
Wear eye/face protection.
When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
Wear suitable protective clothing.
In case of inadequate ventilation wear respiratory protection. |

9. Physical and chemical properties:

- | | | |
|-----|--|---|
| 9.1 | Information on basic physical and chemical properties
Physical state:
Colour:
Odour:
pH-Value:
Changes in the physical state
Melting point:
Initial boiling point and boiling range:
Flash point:
Flammability
Solid:
Gas:
Lower explosion limits:
Upper explosion limits:
Auto-ignition temperature
Solid:
Gas:
Decomposition temperature: | solid
See packaging
neutral
not determined
not determined
not determined
not applicable
not determined
not applicable
not determined
not determined
not determined
not applicable
not determined
not applicable
190 °C |
|-----|--|---|



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Oxidizing properties	Not oxidizing.
Vapour pressure:	not determined
Density:	not determined
Water solubility:	insoluble
Solubility in other solvents:	not determined
Partition coefficient:	not determined
Vapour density:	not determined
Evaporation rate:	not determined
9.2 Other information	
Solid content:	not determined
10. Stability and Reactivity:	
10.1 Reactivity:	No hazardous reaction when handled and stored according to provisions.
10.2 Chemical stability:	The product is stable under storage at normal ambient temperatures.
10.3 Possibility of hazardous reactions:	No known hazardous reactions.
10.4 Conditions to avoid:	none
10.5 Incompatible materials:	No information available.
10.6 Hazardous decomposition products:	No known hazardous decomposition products.
11. Toxicological Information:	
11.1 Information on toxicological effects	
Additional information on tests:	This substance is classified as not hazardous according to regulation (EC) No. 1272/2008 [CLP].
12. Ecological Information:	
12.1 Toxicity:	The product is not: Ecotoxic.
12.2 Persistence and degradability:	The product has not been tested.
12.3 Bioaccumulative potential:	The product has not been tested.
12.4 Mobility in soil:	The product has not been tested.
12.5 Results of PBT and vPvB assessment:	The product has not been tested.
12.6 Other adverse effects:	No information available.
Further information:	Avoid release to the environment.
13. Disposal considerations	
13.1 Waste treatment methods	
Advice on disposal:	Dispose of waste according to applicable legislation.
Contaminated packaging:	Wash with plenty of water. Completely emptied packages can be recycled.
14. Transport information:	
14.1 Special precautions for user:	No information available.
14.2 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	not applicable
15. Regulations:	
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
EU regulatory information	
Additional information:	To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC
National regulatory information	
Water contaminating class (D):	- - not water contaminating
15.2 Chemical safety assessment:	For this substance a chemical safety assessment has not been carried out.



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16. Other Information:

16.1 Abbreviations and acronyms

ADR:	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of Notified Chemical Substances
CAS:	Chemical Abstracts Service
LC50:	Lethal concentration, 50%
LD50:	Lethal dose, 50%

16.2 Further Information:

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.