

Safety Data Sheet (EC) No. 1907/2006

1. Product- and Company Identification

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| <u>Trade name:</u> | DC Bio-Muffelringeinlage (bio-free casting ring liner), art. No. 714408 |
| <u>Manufacturer:</u> | DC Dental Central Großhandelsges.mbH Carl-Zeiss-Str.2 D-22946 Trittau, Germany |
| <u>Further information obtainable from:</u> | Tel.: +49 (0)4154/8437 0 Fax: +49 (0)4154/8437 33 |
| <u>Information in case of emergency:</u> | Same as above. |

2. Composition/information on ingredients

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|--|----------------|----------------|------------------------|------------------|--------------|
| Chemical characterization | | | | | |
| <u>Description:</u> Alkali silicate fibres with organic binder < 10% Binder combination: acrylic / latex | | | | | |
| Hazardous Ingredients: | | | | | |
| <u>Dangerous contents:</u> None (see No.11). | | | | | |
| <u>Description:</u> | <u>CAS-Nr:</u> | <u>EINECS:</u> | <u>Classification:</u> | <u>R-phrases</u> | <u>Gew.%</u> |
| SiO | -- | -- | -- | -- | 62 – 67 |
| Al ₂ O ₃ | -- | -- | -- | -- | <0,1 |
| MgO | -- | -- | -- | -- | 1 – 6 |
| CaO | -- | -- | -- | -- | 28 - 33 |

3. Hazards identification

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| <u>Information concerning particular hazards for human and environment:</u> Not applicable. |
| <u>Classification system:</u> The classification is according to the latest editions of the EU-lists, and extended by company and literature data. |

Safety Data Sheet (EC) No. 1907/2006

4. First aid measures

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| <u>General Information:</u> | No special measures required. |
| <u>After inhalation:</u> | Supply fresh air; consult doctor in case of complaints. |
| <u>After skin contact:</u> | Generally, the product does not irritate the skin. |
| <u>After eye contact:</u> | Rinse opened eye for several minutes under running water. |
| <u>Ingestion:</u> | If symptoms persist, consult a doctor. |

5. Fire-fighting measures

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| <u>Suitable extinguishing agents:</u> | CO ₂ , powder or water spray. Fight larger fires with water spray or alcohol resistant foam. |
| <u>Protective equipment:</u> | No special measures required. |

6. Accidental release measures

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| <u>Person-related safety precautions:</u> | Not required. |
| <u>Measures for cleaning / collecting:</u> | Pick up mechanically. |
| <u>Measures for environmental protection:</u> | Do not allow to enter sewers / surface or ground water. |
| <u>Additional information:</u> | No dangerous substances are released. |

7. Handling and storage

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| Handling: |
| <u>Information for safe handling:</u> No special measures required. |
| <u>Instructions on fire and explosion protection:</u> No special measures required |

Safety Data Sheet (EC) No. 1907/2006

Storage:

Requirements to be met by storerooms and receptacles:

No special measures required.

Information about storage in one common storage facility:

Not required.

Class according to regulation on flammable liquids:

Void

General information for storage:

Store product cool and dry.

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.

Eye protection: Not required.

Respiratory protection: In case of exposure to dust over regulatory limits wear a personal respirator of an approved type (P 2).

Hand protection: Not required.

General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.

Safety Data Sheet (EC) No. 1907/2006

9. Physical and chemical properties

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| <u>Form:</u> | Paper strings. |
| <u>Colour:</u> | White |
| <u>Odour:</u> | Odourless |
| <u>Flash point:</u> | Not applicable. |
| <u>Self-igniting:</u> | Product I not self-igniting. |
| <u>Melting point:</u> | Undetermined. |
| <u>Boiling point:</u> | Undetermined. |
| <u>Danger of explosion:</u> | Product does not present an explosion hazard. |
| <u>Density:</u> | 210kg/m ³ |
| <u>Solubility in water:</u> | Insoluble |
| <u>Further information:</u> | None. |

10. Stability and reactivity

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| <u>Thermal decomposition:</u> | None, if used in accordance to instructions. |
| <u>Decomposition products (from binder):</u> | H ₂ O, CO, CO ₂ , hydrocarbons |
| <u>Conditions / materials to avoid:</u> | Strongly oxidizing agents. |

11. Toxicological information

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| <u>Primary irritant effect on the skin:</u> | No irritant effect. |
| <u>Primary irritant effect on the eye:</u> | No irritant effect. |
| <u>Sensitization:</u> | No sensitizing effects known. |
| <u>Additional toxicological information:</u> | 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. |

12. Ecological information

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| <u>General notes:</u> | Generally not hazardous for water (VwVwS) |
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Safety Data Sheet (EC) No. 1907/2006

13. Disposal considerations

Disposable with house waste.

EWC-Code for mineral fibre waste:

101 299

14. Transport information

Product is not classified for any mode of transportation.

15. Regulatory information

Labelling in accordance with EC Directives / German regulations (German GefStoffV):

No characteristics required.

Identification letter of hazard symbol:

Void.

R phrases/S phrases:

None.

National regulations:

No. 7.2, 7.3 and 7.4 of the appendix V are not applicable.

Incident regulations:

Not applicable.

VBF Classification:

Void.

MAK:

General limit value for dust generation 6 mg/m³.

TRK:

Fibre fine dust share 500.000 F/m³.

16. Other information

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.