

Material Safety Data Sheet

according Directive 91/155 EEC

Important: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product.

1. Identification of the substance/preparation and company

1.1. **Product Name:** DirectDia Paste

1.2. **Company:**

Shofu Dental GmbH

Am Brüll 17

D-40878 Ratingen

Phone No. +49 (0)2102/8664-0 Fax-No. +49 (0)2102/8664-65

info@shofu.de

1.3. **Emergency Phone No.**

+49 (0)2102/8664-20

2. Composition/information on ingredients

Compositions given are typical values, not specifications.

| 2.1. Ingredients | Einecs no. | % weight | Symbol | risk-phrases | CAS-No. |
|-------------------------|-------------------|-----------------|---------------|---------------------|----------------|
| Diamond abrasive powder | | | | | |
| Others | | | | | |

3. Hazard identification

3.1. **Route of Entry** **Inhalation:** N/A **Skin:** may be **Ingestion:** may be

3.2. **Health Hazard** Eye contact may cause irritation and scratch the cornea.

3.3. **Carcinogenicity** N/A

3.4. **Hazard Designation** N/A

4. First aid measures

4.1. **Inhalation:** N/A

4.2. **Skin contact:** Wash immediately with soap and plenty of water.

4.3. **Eye contact:** Flash with flowing water and consult physician if necessary.

4.4. **Ingestion:** Consult physician if necessary.

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5. Fire-fighting measures

- | | | |
|------|--------------------------------------|--------------------------------------|
| 5.1. | Extinguisher method: | Foam, dry chemical, CO ₂ |
| 5.2. | Not useful method: | |
| 5.3. | Special exposure hazards arising | Irritating gases and fumes may emit. |
| 5.3. | Special equipment for fire-fighting: | N/A |

6. Accidental release measures

- | | | |
|------|----------------------------|---|
| 6.1. | Personal precautions: | See section 8. |
| 6.2. | Environmental precautions: | As the container made by polyethylene, dispose according to local, state and federal regulations. |
| 6.3. | Methods for cleaning up | Wipe up and discard in a suitable container. |

7. Handling and storage

- | | | |
|--------|------------------------------------|------------------------------|
| 7.1. | Handling: | Keep away from naked flames. |
| 7.2. | Storage: | Keep in the refrigerator. |
| 7.2.1. | Precautions for storage rooms: | |
| 7.2.2. | Storage of incompatible materials: | |
| 7.2.3. | Special storage conditions: | |

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8. Exposure controls/personal protection

| 8.1. | Exposure limits: | Chemical name | CAS No. | ACGIH.-TLV. N/A |
|------|-------------------------|-----------------------------|---------|--------------------|
| 8.2. | Respiratory protection: | Dust mask | | |
| 8.3. | Hand protection: | Latex or rubber gloves | | |
| 8.4. | Eye protection: | Safety goggles | | |
| 8.5. | Skin protection: | General protective clothing | | |

9. Physical and chemical properties:

| | | | | | |
|-------|-------------------|------------------|------------------|---------------------------------------|--------|
| 9.1. | Appearance | Paste like cream | Colour | Greenish grey | Odour: |
| 9.2. | PH: | | | | |
| 9.3. | Boiling point: | | N/D | | |
| 9.4. | Melting point | | | | |
| 9.5. | Flash point | | N/D | | |
| 9.6. | Explosion limits: | | Lower: | | |
| 9.7. | Relative density: | | ≈ 2 | (water =1) | |
| 9.8. | Vapour density: | | | | |
| 9.9. | Solubility: | | Water solubility | Suspend paste in water but not solube | |
| 9.10. | Viscosity: | | | | |
| 9.11. | Others: | | | | |

10. Stability and reactivity:

| | | |
|-------|-----------------------------------|--|
| 10.1. | Conditions to avoid: | Avoid exposure to direct sun light on the container. |
| 10.2. | Materials to avoid: | Stong oxidizing materials |
| 10.3. | Hazardous decomposition products: | Will not occur |
| 10.4. | Others: | |

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11. Toxicological information:

11.1. Acute Toxicity:

11.1.1. Ingestion:

11.1.2. Inhalation:

11.1.3. Skin contact:

11.1.4. Eye contact:

11.2. Chronic effects:

11.2.1.

11.2.2.

11.2.3.

11.2.4.

11.2.5.

12. Ecological information:

13. Disposal considerations:

13.1. Material: Disposal in accordance with federal, state and local regulations.

13.2. Packaging:

14. Transport information:

N/A

15. Regulatory information:

N/A

16. Other information:

Handling of this product exclusively by dental specialists
according to instructions for use.

N/D: No data

N/A: Not applicable

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Some of the information presented and conclusions drawn herein are from sources other than direct test-data on the product itself.

The contents and format of this MSDS are in accordance with EEC Commission Directive 91/155 /EEC.

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