

SAFETY DATA SHEET

1. Identification of the substance or mixture and of the supplier*1.1 Product Name:***DirectDia Paste***1.2 Company /Undertaking identification*Manufacturer's Name: **SHOFU INC.**

Address: 11 Kamitakamatsu-cho, Fukuine, Higashiyama-ku, Kyoto 605-0983 ,JAPAN

Phone: +81-75-561-1112

Fax: +81-75-561-2273

Section in Charge: Quality Assurance Section

Date Prepared: 2014.9.22

1.3 Emergency Telephone Number

+81-75-561-1112

2. Hazardous identification

GHS CLASSIFICATION

HEALTH HAZARDS

EYE DAMAGE/IRRITATION

Not Classified

The thing without mention is out of a classification object. Or cannot classify it.

LABEL ELEMENTS

| | |
|-------------------|---|
| SYMBOL | — |
| SIGNAL WORD | — |
| HAZARD STATEMENTS | — |

PRECAUTIONARY STATEMENTS

[Prevention]

Do not handle until all safety precautions have been read and understood.

[Response]

If you feel un-well, get medical advice/attention.

[Storage]

Keep in the refrigerator.

[Disposal]

Dispose of contents and container in accordance with regulation.

3. Composition/information on ingredients

Composition

Diamond abrasive powder

Glycerin ≒ 60%

Others

4. First-aid measures

- 4.1 Eye contact :* Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
- 4.2 Skin contact :* Wash with plenty of soap and water. If skin irritation occurs: Get medical advice /attention.
- 4.3 Ingestion :* If swallowed, rinse mouth. Get medical advice/attention.
- 4.4 Inhalation:* If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing.

SAFETY DATA SHEET

5. Fire-fighting measures

| | |
|---|---|
| <i>5.1 Suitable Extinguishing Media:</i> | Powdery extinction medicine, CO ₂ , Foam, Dry sand |
| <i>5.2 Extinguishing Media Should not be used :</i> | N/A |
| <i>5.3 Special Exposure Hazards Arising:</i> | Irritating gases and fumes may emit. |
| <i>5.4 Special Protective Equipment:</i> | Fire fighting operation should be done from upwind position, with wearing protective equipment. |

6. Accidental release measures

| | |
|---------------------------------------|---|
| <i>6.1 Personal Precautions:</i> | See section 8. |
| <i>6.2 Environmental Precautions:</i> | As the container made by polyethylene, dispose according to local, state and federal regulations. |
| <i>6.3 Methods for Cleaning Up:</i> | Wipe up and discard in a suitable container. |

7. Handling and storage

| | |
|----------------------|------------------------------|
| <i>7.1 Handling:</i> | Keep away from naked flames. |
| <i>7.2 Storage:</i> | Keep in the refrigerator. |

8. Exposure controls/personal protection

| | |
|------------------------------------|---|
| <i>8.1 Exposure limits:</i> | Chemical name |
| | Glycerin ACGIH TWA 10mg/m ³ (as vapours) |
| | Diamond powder |
| | ACGIH TLV-TWA 10mg/m ³ |
| | OSHA PEL-TWA 15mg/m ³ |
| <i>8.2 Respiratory Protection:</i> | Dust respirator and/or local exhaust. |
| <i>8.3 Hand Protection:</i> | Protective gloves |
| <i>8.4 Eye Protection:</i> | Safety goggles |
| <i>8.5 Skin Protection:</i> | General protective clothing |

9. Physical and chemical properties

| | |
|--|--|
| <i>9.1 Appearance/Odor :</i> | Greenish gray color paste like cream |
| <i>9.2 Boiling Point/Boiling Range:</i> | N/D |
| <i>9.3 Melting Point/Melting Range:</i> | N/D |
| <i>9.4 Flash point:</i> | N/D |
| <i>9.5 Auto flammability:</i> | N/D |
| <i>9.6 Explosive Properties:</i> | N/D |
| <i>9.7 Oxidizing Properties:</i> | N/D |
| <i>9.8 Vapour Pressure:</i> | N/D |
| <i>9.9 Relative Density:</i> | ≅ 2 (water=1) |
| <i>9.10 Solubility: water solubility</i> | Suspend paste in water but not soluble |

10. Stability and reactivity

| | |
|---|--|
| | Stable in a normal temperature. |
| <i>10.1 Condition to Avoid:</i> | Avoid exposure to direct sun light on the container. |
| <i>10.2 Materials to Avoid:</i> | Strong oxidizing materials |
| <i>10.3 Hazardous Decomposition Products:</i> | Will not occur |

SAFETY DATA SHEET**11.Toxicological information**

Glycerin ;

Acute Oral Toxicity : LD50(Rat) 27200 mg/kg (SIDS)

12.Ecological information

No information

13.Disposal considerations

Dispose of contents/container to in accordance with local/regional/national/international regulations (to be specified).

14.Transport information

Airline restriction information ; It doesn't correspond.

UN No. ; It doesn't correspond.

Sea restriction information ; It doesn't correspond.

UN No. ; It doesn't correspond.

15.Regulatory information

Follow all regulations in your country.

16.Other information

This product is intended for use by dental professionals. (instrument/material)