

## 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

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*1.3 Emergency Telephone Number*

+81-75-561-1112

**2. Hazardous identification**

## GHS CLASSIFICATION

HEALTH HAZARDS

EYE DAMAGE/IRRITATION

Not Classified

The item without an observation is out of classification or cannot be classified.

## 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 unwell, 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  $\cong$  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:* Bring victim to fresh air and have them rest in a comfortable breathing position. If breathing difficulty persists, call a POISON CENTER or doctor.

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**5. Fire-fighting measures**

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

**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 open flames.
- 7.2 *Storage:* Keep in the refrigerator.

**8. Exposure controls/personal protection**

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

**9. Physical and chemical properties**

- 9.1 *Appearance/Odor :* Greenish gray color paste, it has the consistency of a cream
- 9.2 *Boiling Point/Boiling Range:* N/D
- 9.3 *Melting Point/Melting Range:* N/D
- 9.4 *Flash point:* N/D
- 9.5 *Auto flammability:* N/D
- 9.6 *Explosive Properties:* N/D
- 9.7 *Oxidizing Properties:* N/D
- 9.8 *Vapour Pressure:* N/D
- 9.9 *Relative Density:* ≐2 (water=1)
- 9.10 *Solubility:* *water solubility* Suspend paste in water but not soluble

**10. Stability and reactivity**

- Stable in a normal temperature.
- 10.1 *Condition to Avoid:* Avoid exposure to direct sun light on the container.
- 10.2 *Materials to Avoid:* Strong oxidizing materials
- 10.3 *Hazardous Decomposition Products:* 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)