

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

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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 ≒ 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, CO₂, 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

- 8.1Exposure limits:*
- | | |
|----------------|--|
| Chemical name | |
| Glycerin | ACGIH TWA 10mg/m ³ (as vapours) |
| Diamond powder | |
| | ACGIH TLV-TWA 10mg/m ³ |
| | OSHA PEL-TWA 15mg/m ³ |
- 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)