

MATERIAL 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, Fukunine, Higashiyama- ku, Kyoto 605- 0983 ,JAPAN

Phone: +81- 75- 561- 1112

Fax: +81- 75- 561- 2273

Section in Charge: Quality Assurance Section

Date Prepared 2012.10.5

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.

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5. Fire-fighting measures

<i>5.1 Suitable Extinguishing Media:</i>	Powdery extinction medicine, CO2, 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

MATERIAL 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)