

SAFETY DATA SHEET

1. Identification of the substance or mixture and of the supplier

1.1 Product Name:

ResiCem " 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- 275- 4795

Section in Charge: Quality Assurance Section

Date Prepared 2013.6.13

1.3 Emergency Telephone Number

+81- 75- 561- 1112

2 Hazards identification

GHS CLASSIFICATION

PHYSICAL HAZARDS	FLAMMABLE LIQUIDS	Category 2
HEALTH HAZARDS	ACUTE TOXICITY- ORAL	Not Classified
	ACUTE TOXICITY- DERMAL	Not Classified
	SKIN CORROSION/IRRITATION	Not Classified
	EYE DAMAGE/IRRITATION	Category 2A
	SENSITIZATION- SKIN	Category 1
	GERM CELL MUTAGENICITY	Not Classified
	TOXIC TO REPRODUCTION	Not Classified
	SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE)	Not Classified
ENVIRONMENTAL HAZARD	SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)	Not Classified
	HAZARDOUS TO THE AQUATIC ENVIRONMENT- ACUTE HAZARD	Not Classified
	HAZARDOUS TO THE AQUATIC ENVIRONMENT- CHRONIC HAZARD	Not Classified

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

LABEL ELEMENTS

SYMBOL



SIGNAL WORD

Warning

HAZARD STATEMENTS

Causes serious eye irritation
May cause allergic skin reaction

PRECAUTIONARY STATEMENTS

[Prevention]

Obtain special instruction before use.

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

Wear protective gloves and eye/face protection.

Do not breathe dust/fume/gas/mist/vapours/spray.

Contaminated work clothing should not be allowed out of the workspace.

SAFETY DATA SHEET

Wash hands thoroughly after handling

[Response]

If in eyes, rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

If eye irritation persists, get medical advice/attention.

If on skin, wash with plenty of soap and water. If on skin, skin irritation, get medical advice/attention.

Wash contaminated clothing before reuse.

[Storage]

Store in a cool and dark area. (Keep refrigerated when not in use)

[Disposal]

Dispose of contents and container in accordance with regulation.

3. Composition/information on ingredients

<i>Composition</i>	<i>A paste</i>	<i>B paste</i>	<i>Hazzard type</i>
UDMA [Cas No.72869- 86- 4]			
Triethylenglycol dimethacrylate [Cas No.109- 16- 0]			
2-hydroxyethyl methacrylate [Cas No.868- 77- 9]	≅ 1%	≅ 5%	Xi
Glass Filler (Fluoro- alumino- silicate glass) [Cas No.65997- 18- 4]			
Acrylic adhesive monomer	—		
Amorphous fumed silica [Cas No.7631- 86- 9]			
DL- Camphorquinone [Cas No.10373- 78- 1]	—		
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. If eye irritation persists, get medical advice/attention.
- 4.2 Skin contact :** Wash immediately with soap and plenty of water. If on skin, skin irritation, get medical advice/attention.
- 4.3 Ingestion :** Rinse mouth. Get medical advice/attention.
- 4.4 Inhalation :** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptom concerning breath goes out, call a POISON CENTER to doctor.

5. Fire- fighting measures

- 5.1 Suitable Extinguishing Media:** Powder, Alcohol- resistsnt foam, Carbon dioxide.
- 5.2 Extinguishing Media Should not be used :** N/A
- 5.3 Special Exposure Hazards Arising** Irritation gases and fumes may erit.
- 5.4 Special Protective Equipment:** Wear fire protective cloth and self- contained breathing apparatus if necessary.

6. Accidental release measures

- 6.1 Personal Precautions:** See section 8. Avoid contact with eyes and skin.
- 6.2 Environmental Precautions:** Send to approved treatment/disposal company or 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** Handle in a well ventilated place.
Avoid inhalation of grindings and prolonged skin contact with uncured resin.

SAFETY DATA SHEET

Keep away from naked flames, sparks and sources of heat.

7.2 Storage: Store in a cool and dark fire proof area with container tightly closed.
(Keep refrigerated when not in use.)

8. Exposure controls/personal protection

8.1 Exposure limits: ACGIH TLV.
None assigned

8.2 Respiratory Protection: Not required (use protective gas mask for organic gas, if necessary)

8.3 Hand Protection: Latex or rubber gloves

8.4 Eye Protection: Safety goggles (May be required)

8.5 Skin Protection: Not required special measures

9. Physical and chemical properties

9.1 Appearance/Odour/pH Non- or yellowish- colored putty- like paste with sweet odor

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: 1.8 (water=1)

9.10 Solubility: water solubility Insoluble

10. Stability and reactivity

10.1 Stability: Stable under recommended storage conditions.

10.2 Reactivity: N/A

10.3 Condition to avoid: Avoid direct sunlight and high temperature. Keep away from source of ignition. (- electric discharge and smoking etc.)

10.4 Materials to avoid: Strong oxidizing materials

11. Toxicological information

2-Hydroxy Ethyl Methacrylate ;

Acute toxicity :

(Oral)	rat	LD50	≥ 4000mg/kg
(Dermal)	rabbit	LD50	≥ 3000mg/kg

12. Ecological information

The product should not be allowed to drain into sewers.

13. Disposal considerations

Dispose of contents/container to in accordance with local/regional/national/international regulations.

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

SAFETY DATA SHEET

15.Regulatory information

Follow all regulations in your country.

16.Other information

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