

SAFETY DATA SHEET

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

1.1 Product Name:

SOLIDEX "OPAQUE "

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

Date Prepared: 2014.9.29

1.3 Emergency Telephone Number

+81-75-561-1112

2. Hazards identification

GHS CLASSIFICATION

PHYSICAL HAZARDS	FLAMMABLE LIQUIDS	Not Classified
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
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

May cause allergic skin reaction
Causes serious eye irritation

PRECAUTIONARY STATEMENTS

[Preventio [Measure of safety]
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/vapours.
Contaminated work clothing should not be allowed out of the workspace.
Wash hands thoroughly after handling.
[Response]

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Take off contaminated clothing and wash before reuse.
 IF ON SKIN: Wash with plenty of soap and water.
 If skin irritation or rash occurs: Get medical advice/attention.
 IF IN EYES: Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.
 [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>%</i>	<i>Hazard type</i>
UDMA [Cas No.72869-86-4]	≅ 25	
2-Hydroxy Ethyl Methacrylate [Cas No. 868-77-9]	< 5	Xi
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:* CO₂,Dry chemical, Foam
- 5.2 Extinguishing Media Should not be used :* N/A
- 5.3 Special Exposure Hazards Arising:* Irritation gases and fumes may emit.
- 5.4 Special Protective Equipment:* Wear fire protective cloth and self-contained breathing apparatus if necessary.

6.Accidental release measures

- 6.1 Personal Precautions:* Avoid eye and skin contact. See section 8.
- 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:* Avoid inhalation of grindings and prolonged skin contact with uncured resin.
- 7.2 Storage:* Store in a cool and dark area.(Keep refrigerated when not in use)

8.Exposure controls/personal protection

- 8.1Exposure 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.

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- 8.4 Eye Protection: Safety goggles (May be required)
 8.5 Skin Protection: Not required (Observe normal care when working with chemicals.)

9. Physical and chemical properties

9.1 Appearance/Odour/pH	Creamy paste multiple shades yellowish white to yellowish brown with sweet odor from acrylate.
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:	1.68 (water=1)
9.10 Solubility: water solubility	Insoluble

10. Stability and reactivity

10.1 Stability:	Stable under normal temperatures and pressures.
10.2 Condition to Avoid:	Excessive heat (high temperature), open flames, ignition source, and exposure to sunlight.
10.3 Materials to Avoid:	Strong oxidizing materials.
10.4 Hazardous Decomposition Products:	Will not occur.

11. Toxicological information

2-Hydroxy Ethyl Methacrylate ;

Acute toxicity	Oral	rat	LD50 > 4000 mg/kg
	Dermal	rabbit	LD50 > 3000 mg/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.

15. Regulatory information

Follow all regulations in your country.

16. Other information

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