

MATERIAL SAFETY DATA SHEET

1. Identification of the Product and the Company

1.1 Product Name:

LITE ART CLEAR LIQUID

1.2 Company /Undertaking identification

Manufacturer's Name: **SHOFU INC.**

Address: 11-Kamitakamatsu-Cho Fukunine Higashiyama-ku Kyoto 605-0983 ,JAPAN

Phone Number for Information: 81-75-561-1112

Division: Quality Assurance Section Manager

Date Prepared: 2010.11.12

1.3 Emergency Telephone Number

81-75-561-1112

2. Hazardous Identification

•GHS Label elements

PHYSICAL HAZARDS

FLAMMABLE LIQUIDS	outside division
CORROSIVE TO METALS	outside division

HEALTH HAZARDS

ACUTE TOXICITY-ORAL	outside division
ACUTE TOXICITY-DERMAL	outside division
ACUTE TOXICITY-INHALATION(VAPOURS)	division 4
SKIN CORROSION/IRRITATION	outside division
TOXIC TO REPRODUCTION	division 1A

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

LABEL ELEMENTS SYMBOL



SIGNAL WORD

Danger

HAZARD STATEMENTS

Harmful if inhaled (dust/mist/vapours/spray)

May damage fertility or the unborn child

PREVENTTION

[Measure of safety]

Obtain special instruction before use.

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

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

Use only outdoors or in a well-ventilated area.

Avoid exposing if necessary with a personal protection tool and a ventilator.

Keep container tightly closed.

Wash hands thoroughly after handling.

[Emergency measures]

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

Remove contact lenses, if present and easy to do.

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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.

If inhaled, 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.

If swallowed, rinse mouth. Get medical advice/attention.

[Storage]

Store in a cool and dark area.

[Disposal]

Dispose of contents and container in accordance with regulation.

COUNTRY AND REGIONAL INFORMATION

Refer to [15.Regulatory Information] for a domestic method.

3.Composition/Information on Ingredients

<i>Composition</i>	<i>%</i>
Multifunctional monomer	60~70
Methacrylate monomer	20~30
Photo initiator	
Others	

Hazardous ingredients are not include.

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. Consult physician. 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 :**
- 5.3 Special Exposure Hazards Arising:** In case of fire, do not breath fumes and gases. (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:** 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.

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7.2 *Storage:* Store in a cool and dark area.(Keep refrigerated when not in use)

8.Exposure Controls/Personal Protection

- 8.1 *Respiratory Protection:* Not required(use dust mask while grinding or finishing)
 8.2 *Hand Protection:* Latex or rubber gloves
 8.3 *Eye Protection:* Safety goggles (May be required)
 8.4 *Skin Protection:* Not required (Observe normal care when working with chemicals.)

9.Physical And Chemical Properties

- 9.1 *Appearance/Odour/pH* Liquid with some viscosity of the transparence
 9.2 *Boiling Point/Boiling Range:* >200°C
 9.3 *Melting Point/Melting Range:* N/D
 9.4 *Flash point:* >220°C
 9.5 *Auto flammability:* N/D
 9.6 *Explosive Properties:*
 9.7 *Oxidizing Properties:*
 9.8 *Vapour Pressure:* N/A
 9.9 *Relative Density:* ≐1.17 (water=1)
 9.10 *Solubility: water solubility* Insoluble

10.Stability And Reactivity

- 10.1 *Condition to Avoid:* Avoid direct sunlight and high temperature.
 10.2 *Materials to Avoid:* Strong acid and oxidizing materials
 10.3 *Hazardous Decomposition Products:* Will not occur

11.Toxicological Information

No information

12.Ecological Information

The product should not be allowed to drain into sewers.

13.Disposal Conditions

Disposal in accordance with federal, state and local regulations.

14.Transport Information

No special precautions are required.

15.Regulatory Information

No information

16.Other Information

Handling of this product exclusively by dental specialists according to instruction for use.