

# 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.