

## MATERIAL SAFETY DATA SHEET

**1. Identification of the substance or mixture and of the supplier***1.1 Product Name:***DUPLICONE "A"***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

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Section in Charge: Quality Assurance Section

Date Prepared: 2012.4.12

*1.3 Emergency Telephone Number*

+81- 75- 561- 1112

**2 Hazardous identification**

## GHS CLASSIFICATION

PHYSICAL HAZARDS	FLAMMABLE LIQUIDS	Not Classified
HEALTH HAZARDS	CARCINOGENICITY	Category 1A
	SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE)	Category 1 (respiratory system)
	SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)	Category 1(kidneys, respiratory system)

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

## LABEL ELEMENTS

## SYMBOL



## SIGNAL WORD

Danger

## HAZARD STATEMENTS

May cause causing cancer  
 Causes damage to organs(respiratory system)  
 Causes damage to organs through prolonged or repeated exposure  
 (kidneys,respiratory system)

## PRECAUTIONARY STATEMENTS

[Prevention]  
 Obtain special instruction before use.  
 Do not handle until all safety precautions have been read and understood.  
 Use personal protective equipment as required.  
 Do not breathe dust/fume/gas/mist/vapours/spray.  
 Wash hands thoroughly after handling.  
 Do not eat,drink or smoke when using this product.  
 [Response]  
 If you feel un- well, get medical advice/attention.  
 [Storage]  
 Store in a dark and cool place indoors, with containers tightly closed.  
 [Disposal]  
 Dispose of contents and container in accordance with regulation.

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**3. Composition/information on ingredients***Components*

Divinyl polydimethyl siloxane	
Silicon dioxide [Cas No.7631- 86- 9]	30~40 %
Polydimethyl siloxane	
Coloration materials	
Others	

**4. First- aid measures**

- 4.1 Eye contact :* Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
- 4.2 Skin contact :* Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms.
- 4.3 Ingestion :* Do NOT induce vomiting. Do not give an unconscious person anything to drink. If you feel un- well, 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 :* Foam, Powder, Carbon dioxide
- 5.2 Extinguishing Media Should not be used :* N/A
- 5.3 Special Exposure Hazards Arising* N/A
- 5.4 Special Protective Equipment:* Wear fire protective cloth and self- contained breathing apparatus.

**6. Accidental release measures**

- 6.1 Personal Precautions:* See section 8
- 6.2 Methods for Cleaning Up:* Wipe up and discard in a suitable container.

**7. Handling and storage**

- 7.1 Handling:* Avoid contact with skin and eyes. Avoid any source of ignition. Avoid contact with organic compounds containing nitrogen, sulfur, phosphorus, tin, and lead, and soldering flux, polyvinyl chloride, polyurethane as it may lead to incomplete curing
- 7.2 Storage:* Store in a dark, cool place indoors, with containers tightly closed.

**8. Exposure controls/personal protection**

- 8.1 Exposure limits:*
- |                              | OSHA PEL            | ACGIH TLV                          |
|------------------------------|---------------------|------------------------------------|
| Silica ( or Silicon dioxide) | 10mg/m <sup>3</sup> | 0.1mg/m <sup>3</sup> (Quartz=dust) |
- 8.2 Respiratory Protection:* N/A
- 8.3 Hand Protection:* Latex, rubber or plastics gloves
- 8.4 Eye Protection:* Safety glasses
- 8.5 Skin Protection:* Suitable protective clothing
- 8.6 Equipment measure:* Eye washer, Room ventilator

**9. Physical and chemical properties**

- 9.1 Appearance/Odour:* White liquid
- 9.2 Boiling Point/Boiling Range:* N/D
- 9.3 Melting Point/Melting Range:* N/D
- 9.4 Flash point:* >300°C

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9.5 Autoflammability:	450°C
9.6 Explosive Properties:	N/D
9.7 Oxidizing Properties:	N/D
9.8 Vapour Pressure:	N/D
9.9 Relative Density:	N/D
9.10 Solubility: water solubility	Insoluble

**10. Stability and reactivity**

10.1 Stability:	Stable under normal conditions.
10.2 Reactivity:	By contact of strong acid, the strong alkali, polymerization or the resolution happens. This material contains Methylpolysiloxanes which can generate formaldehyde In approximately 150 degrees Celsius or more, In the atmosphere including oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant.
10.3 Condition to avoid	Excessive heat (high temperature), open flames, ignition source, and exposure to sunlight
10.4 Materials to avoid	Strong acid, Strong alkali

**11. Toxicological information**

No information

**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**

Handling of this product exclusively by dental specialists according to instruction for use.  
Never use for human applications such as implant, impregnation, and possible residue- remaining in the body.