

## MATERIAL SAFETY DATA SHEET

**1. Identification of the substance or mixture and of the supplier***1.1 Product Name:***LAMINA RETOUCH VEST "LIQUID"***1.2 Company /Undertaking identification*Manufacturer's Name: **SHOFU INC.**

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

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Section in Charge: Quality Assurance Section

Date Prepared: 2012.9.4

*1.3 Emergency Telephone Number*

+81-75-561-1112

**2. Hazards identification**

## GHS CLASSIFICATION

HEALTH HAZARDS	ACUTE TOXICITY-ORAL	Not Classified
	SENSITIZATION-SKIN	Not Classified
	GERM CELL MUTAGENICITY	Not Classified

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

## LABEL ELEMENTS

SYMBOL

SIGNAL WORD

## HAZARD STATEMENTS

## PRECAUTIONARY STATEMENTS

[Prevention]

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.

Keep container tightly closed.

[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.

**3. Composition/information on ingredients**

Aluminiumhydroxichloride [Cas No.12042-91-0] 5 %

Water [Cas No.7732-18-5]

**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.

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- 4.2 *Skin contact* : Wash with soap and water. If on skin, skin irritation, get medical advice/attention.
- 4.3 *Ingestion* : Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.
- 4.4 *Inhalation*: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

### 5. Fire-fighting measures

These product is non-flammable.

- 5.1 *Suitable Extinguishing Media*: Powder and bubble extinguisher, Carbon dioxide gas extinguisher, Sand.
- 5.2 *Extinguishing Media Should not be used* : No information.
- 5.3 *Special Exposure Hazards Arising*: No information.
- 5.4 *Special Protective Equipment*: Wear appropriate chemical protection suit including self-contained breathing apparatus.

### 6. Accidental release measures

- 6.1 *Personal Precautions*: See section 8.
- 6.2 *Methods for Cleaning Up*: Absorb with sand or vermiculite, and wipe up with a dust cloth. Collect in the plastic bag and remove to a safe place.
- 6.3 *Prevention measure of secondary disaster*: Prevent it from flowing into the closed place.

### 7. Handling and storage

- 7.1 *Handling*: Avoid contact with skin, eyes and clothing. Avoid generating dust and/or mist.
- 7.2 *Storage*: Keep away from direct sunlight and store under normal dry conditions.

### 8. Exposure controls/personal protection

- 8.1 *Exposure limits*: (Aluminium metal and Insoluble compound)  
ACGIH(2008) TWA 1 mg/m<sup>3</sup>
- 8.2 *Respiratory Protection*: Dust mask
- 8.3 *Hand Protection*: Latex or rubber gloves
- 8.4 *Eye Protection*: Safety goggles (May be required)
- 8.5 *Skin Protection*: Not required. General protective overalls.

### 9. Physical and chemical properties

- 9.1 *Appearance/Odour/pH* Transparent liquid
- 9.2 *pH*: N/D
- 9.3 *Boiling point*: 100
- 9.4 *Auto flammability*: N/D
- 9.5 *Explosive Properties*: N/D
- 9.6 *Oxidizing Properties*: N/D
- 9.7 *Vapour Pressure*: N/D
- 9.8 *Relative Density*: 1.0
- 9.9 *Solubility: water solubility* Soluble

### 10. Stability and reactivity

- 10.1 *Chemical Stability*: Stable by the normal handling.

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*10.2 Possibility of hazardous reactions:*

If the product is evaporated to dryness by strong heat, the hydrochloric acid gas is generated. If the product and the hypochlorite soda are mixed, the chlorine gas of the corrosive is generated.

*10.3 Incompatibility :*

Sodium hypochlorite

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**11.Toxicological information**

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Acute toxicity ;

<Reference> Basic Aluminium chloride

Oral      rat      LD50 > 2000mg/kg

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**12.Ecological information**

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No information

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**13.Disposal considerations**

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

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**14.Transport information**

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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.

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**15.Regulatory information**

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Follow all regulations in your country.

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**16.Other information**

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