

# SAFETY DATA SHEET

## 1. Identification of the Product and the Company

### 1.1 Product Name:

**HY-Bond Polycarboxylate Cement "LIQUID "**

### 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

Fax: +81-75-561-2273

Section in Charge: Quality Assurance Section

Date Prepared: 2014.9.25

### 1.3 Emergency Telephone Number

+81-75-561-1112

## 2. Hazards identification

### GHS CLASSIFICATION

PHYSICAL HAZARDS	FLAMMABLE LIQUIDS	Not Classified
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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.

Wear protective gloves and eye/face protection.

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

Keep container tightly closed.

Wash hands thoroughly after handling.

#### [Response]

If you feel un-well, get medical advice/attention.

If on skin, wash with plenty of soap and water. If on skin, skin irritation, get medical advice/attention.

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

Remove contact lenses, if present and easy to do.

If eye irritation persists, get medical advice/attention.

#### [Storage]

Store in a cool and dark area.

#### [Disposal]

Dispose of contents and container in accordance with regulation.

## 3. Composition/information on ingredients

### Composition

Copolymer of acrylic acid and tricarboxylic acid (Water solution)

Deionised water [Cas No.7732-18-5]

Tartaric acid [Cas No.87-69-4]

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Others

Hazardous ingredients are not include.

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## 4. First-aid measures

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- 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.

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## 5. Fire-fighting measures

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- 5.1 Suitable Extinguishing Media:* Powder, Alcohol-resistant foam, 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:* N/A

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## 6. Accidental release measures

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- 6.1 Personal Precautions:* See section 8. Avoid contact with eyes and skin.
- 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.

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## 7. Handling and storage

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- 7.1 Handling:* Ventilation. Local exhaust. Avoid inhaling and contact with eyes and skin. Keep away from ignition sources and separate from strong oxidizer.
- 7.2 Storage:* Store in a cool and dry place out of direct sunlight and source of ignition. Separated from organic peroxide. Keep containers closed.

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## 8. Exposure controls/personal protection

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- 8.1 Exposure limits:* ACGIH TLV.  
None assigned.
- 8.2 Respiratory Protection:* Local exhaust
- 8.3 Hand Protection:* Latex or rubber gloves
- 8.4 Eye Protection:* Safety goggles or eye protection.
- 8.5 Skin Protection:* Not required. General protective overalls.

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## 9. Physical and chemical properties

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- 9.1 Appearance/Odour/pH* Odourless, color less liquid
- 9.2 Boiling Point/Boiling Range:*  $\approx 100^{\circ}\text{C}$
- 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:* 1.2

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9.10 Solubility: water solubility Soluble

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**10.Stability and reactivity**

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10.1 Stability: Stable under recommended storage conditions.  
10.2 Reactivity: N/A  
10.3 Condition to avoid: Avoid direct sunlight and high temperature.  
10.4 Materials to avoid: N/A

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**11.Toxicological information**

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No information

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**12.Ecological information**

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The product should not be allowed to drain into sewers.

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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)