This SDS packet was issued with item:
076362420

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

076362446
Material Safety Data Sheet
May be used to comply with OSHA's Hazard Communication Standard,

IDENTITY: HY-Bond Zinc Phosphate Cement Powder

Section I
Manufacturer's Name
Shofu Dental Corporation
Address (Number, Street, City, State and ZIP Code)
4025 Bohannon Drive
Menlo Park, CA 94025

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Section II - Hazardous Ingredients/Identity Information
Hazardous Components (Specific Chemical Identity Common Names)

<table>
<thead>
<tr>
<th>OSHA REL</th>
<th>ACGIH TLV</th>
<th>Other Limits Recommended</th>
<th>% contained</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Section III - Physical/Chemical Characteristics
Specific Gravity (g/mL + 1)

| N/A      | N/A       | N/A                      |

Specific Gravity (g/mL + 1)

| N/A      | N/A       | N/A                      |

Vapor Density (g/mL + 1)

| N/A      | N/A       | N/A                      |

Solubility in Water

| N/A      | N/A       | N/A                      |

Section IV - Fire and Explosion Hazard Data
Flammable Limits

| N/A      | N/A       | N/A                      |

Explosion Data

| N/A      | N/A       | N/A                      |

Flash Point Method Used

| N/A      | N/A       | N/A                      |

Extinguishing Media

| N/A      | N/A       | N/A                      |

Special Fire Fighting Procedures

| N/A      | N/A       | N/A                      |

Section V - Reactivity Data
Stability

| Unstable | Stable |

Incompatibility (Materials to Avoid)

| N/A      |

Hazardous Decomposition or Byproducts

| N/A      |

Section VI - Health Hazard Data
Route of Entry: Inhalation

| Imminent hazard |

Possible Health Effects

| N/A      |

Carcinogenicity

| N/A      |

Mutagenicity

| N/A      |

Section VII - Precautions
Safe Handling and Use

| None known |

Additional Precautions

| None known |

Emergency and First Aid Procedures

| None known |

Section VIII - Control Measures
Preventive Protection (Specify Type)

| N/A      |

Ventilation

| Local Exhaust |

Protective Gloves

| N/A      |

Protective Clothing or Equipment

| N/A      |

Personal Protective Equipment

| None known |

Avoid prolonged inhalation or eye contact

Section IX - Other Information

| N/A      |
Material Safety Data Sheet
May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 and 1920. Standard must be consulted for specific requirements.

IDENTITY (As listed on label and/or OSHA HazCom)
Silicon Phosphate Cement Liquid

Section I - Identification
Material Name: Silicon Phosphate Cement Liquid
Trade Name: Shofu Dental Corporation
Address: 1635 Bohannon Drive
City: Menlo Park, CA 94025

Section II - Hazardous Ingredients/Identity Information
Hazardous Components (Specific Chemical Identity/Common Name)
Acid

Section III - Physical/Chemical Characteristics
Boiling Point: 40°F
Flash Point Method Used: Not combustible
Evaporating Media: N/A
Special Fire Fighting Procedures: N/A
Unusual Fire and Explosion Hazards: N/A

Section IV - Fire and Explosion Hazard Data
Flammable Limits: N/A
LEL: N/A
UEL: N/A

Section V - Reactivity Data
Compatibility: Strong caustics, most metals

Section VI - Health Hazard Data
Routes of Entry: Inhalation: Possible
Skin: Possible
Ingestion: Possible

Health Hazards (Acute and Chronic)
Acute: Eyes - Irritation and eye burns
Chronic: Irritation of the skin

Section VII - Precautions for Safe Handling and Use
Wipe up and discard in a suitable manner

Section VIII - Control Measures
Respiratory Protection (Specify Type): Avoid prolonged inhalation
Ventilation: Local Exhaust
Mechanical (General): Other
Protective Glasses: May be required
PPE: Eye Protection: May be required
Other PPE: Protective Clothing or Equipment: N/A

## 1. Identification of the substance or mixture and the supplier

### 1.1 Product Name:

HY-Bond Zinc Phosphate 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 | SELF-REACTIVE SUBSTANCES AND MIXTURES | Not Classified |
| SUBSTANCES AND MIXTURES WHICH, IN CONTACT WITH WATER, EMIT FLAMMABLE GAS | |

### HEALTH HAZARDS

| ACUTE TOXICITY–ORAL | Category 4 |
| ACUTE TOXICITY–DERMAL | Not Classified |
| ACUTE TOXICITY–INHALATION (DUST) | Not Classified |
| ACUTE TOXICITY–INHALATION (MIST) | Not Classified |
| SKIN CORROSION / IRRITATION | Category 1A |
| EYE DAMAGE / IRRITATION | Category 1 |
| SENSITIZATION–SKIN | Not Classified |
| CARCINOGENICITY | Not Classified |
| TOXIC TO REPRODUCTION | Not Classified |
| SPECIFIC TARGET ORGAN SYSTEMIC | Category 2 |
| TOXICITY (SINGLE EXPOSURE) | (systemic toxicity) |
| TOXICITY (REPEATED EXPOSURE) | (respiratory tract irritation) |

| ENVIROMENTAL HAZARD | HAZARDOUS TO THE AQUATIC | Category 2 |
| ENVIRONMENT–ACUTE HAZARD | |
| HAZARDOUS TO THE AQUATIC | |
| ENVIRONMENT–CHRONIC HAZARD | |

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

### LABEL ELEMENTS

#### SYMBOL

- ⚠️
- ⚠️
- ⚠️
- ⚠️

#### SIGNAL WORD

- Danger

#### HAZARD STATEMENTS

- Harmful if swallowed
- Causes severe skin burns and eye damage
- Causes serious eye damage
SAFETY DATA SHEET

SDS_HY-Bond Zinc phosphate Cement Liquid

May cause respiratory irritation
Causes damage to organs (systemic toxicity)
Causes damage to organs through prolonged or repeated exposure (lung)
Toxic to aquatic life
Toxic to aquatic life with long lasting effects

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.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Keep container tightly closed.
Wash hands thoroughly after handling.
Avoid release to the environment.

[Response]
If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing.
If you feel un-well, get medical advice/attention.
Take of immediately contaminated clothing.
Wash contaminated clothing before reuse.
Collect spillage.
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.
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.

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Composition</th>
<th>Hazard type</th>
<th>Hazzard type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid [Cas No.7664–38–2]</td>
<td>≥ 55 %</td>
<td>C</td>
</tr>
<tr>
<td>Alumimium hydroxide</td>
<td>≥ 10 %</td>
<td></td>
</tr>
<tr>
<td>Zinc oxide</td>
<td>&lt; 5 %</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>&gt; 30 %</td>
<td></td>
</tr>
</tbody>
</table>

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. 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 gose out, call a POISON CENTER to doctor.
5. Fire-fighting measures

This product is non-flammable.

5.1 Suitable Extinguishing Media: N/A
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

6. Accidental release measures

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.

7. Handling and storage

7.1 Handling: Avoid contact with skin and eyes. Avoid inhaling and contact with eyes and skin. Local dust extraction measures are recommended.

8. Exposure controls/personal protection

8.1 Exposure limits: ACGIH TLV.
   Phosphoric acid 1mg/m³ (TWA)
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.

9. Physical and chemical properties

9.1 Appearance/Odour/pH: Odourless, color less liquid
9.2 Boiling Point/Boiling Range: N/D
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: 1.59
9.10 Solubility: water solubility Soluble
9.11 pH: 1~3 (as a 2% solution)

10. Stability and reactivity

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

11. Toxicological information

Phosphoric acid
SAFETY DATA SHEET

Oral rat LD50 1250 mg/kg
rabbit LD50 2740 mg/kg
Zinc oxide Oral rat LD50 >5000 mg/kg
Inhalation (Dust,Mist) rat LC50 >5.7 mg/L

12. Ecological information
The product should not be allowed to drain into sewers.

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

14. Transport information
UN/ID No. 1805, ( Haz Class 8 • Pack Group III ) as Phosphoric acid, solution

15. Regulatory information
Follow all regulations in your country.

16. Other information
This product is intended for use by dental professionals. ( instrument/material )
"Reviewed September 2010: No Changes"

Material Safety Data Sheet
May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

IDENTITY

2-Hydroxethyl Epoxyalkyl

Section I - Identification and Hazardous Properties

Material

Shofu Dental Corporation

Address (Number, Street, City, State, and ZIP Code)
1220 Stone Drive
San Marcos, CA 92078

OCTOBER 1, 2002

Signature of Preparer (optional)

Section II - Composition/Information on Ingredients

Hazardous Component (Specific Chemical Identity Common Name) OSHA REL ACGIH TLV Other Limits (Recommended) % (optional)

None

Section III - Physical/Chemical Characteristics

Boiling Point N/A Specific Gravity (60/40C) N/A Vapor Pressure (mm Hg) N/A N/A Vapor Density (Air = 1) N/A N/A Solubility in Water Insoluble Appearance and Odor Yellow liquid smelling of clove and olive oils

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A Flammable Limits N/A UL UEL

Section V - Reactivity Data

Stability Stable Incompatibility (Materials to Avoid) N/A

N/A

Section VI - Health Hazard Data

Routes of Entry: Inhalaion? Possible Short Term? Possible Ingestion? Possible

Health Hazards (Acute and Chronic) Avoid eye contact

Gastrointestinal: N/A N/A N/A N/A OSHA Regulated? N/A

Signs and Symptoms of Exposure None known Medical Conditions Usually Aggravated by Exposure None known

Emergency and First Aid Procedures

If Ingested: Drink plenty of water. See a physician if necessary.

Eyes: Wash with flowing water. Consult physician if necessary.

Skin: Wash with mild soap & water.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken if Material Is Released or Spilled

Wipe up and discard in a suitable container

Other Precautions Handling of the product exclusively by dental specialists according to the instructions for use.

Section VIII - Control Measures

Respiratory Protection (Specify Type) N/A Ventilation Local Exhaust N/A Mechanical (General) N/A Other

Precautionary Gloves N/A Eye Protection May be required

Other Protective Clothing or Equipment N/A

Waste Disposal Method Disposal must be carried out in accordance with federal, state, and local regulations.

Storage Store in a cool, dark area with lid tightly closed

Reproduced locally

OSHA 174, Sept. 1985

Obtained by Global Safety Management, Inc. www.globalsafetynet.com (Tel: 1-813-435-5161)
SAFETY DATA SHEET

1. Identification of the substance or mixture and of the supplier

1.1 Product Name:
HY-Bond Temporary Cement A ZINC OXIDE EUGENOL 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: 2014.9.29

1.3 Emergency Telephone Number
+81-75-561-1112

2. Hazards identification

GHS CLASSIFICATION
It is not possible to 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

<table>
<thead>
<tr>
<th>Composition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clove Oil [Cas No.8000-34-8]</td>
</tr>
</tbody>
</table>

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.
SAFETY DATA SHEET

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 gose out, call a POISON CENTER to doctor.

5. Fire-fighting measures

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: Irritation gas and fume may emits.

5.4 Special Protective Equipment: Gas mask (may be)

6. Accidental release measures

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.

7. Handling and storage

7.1 Handling: Local dust extraction measures are recommended. Avoid prolonged inhalation.

7.2 Storage: Store under normal dry conditions. Keep away ignition sources.

8. Exposure controls/personal protection

8.1 Exposure limits: ACGIH TLV.

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.

9. Physical and chemical properties

9.1 Appearance/Odour/pH: Yellowish sticky liquid with stimulate Odor

9.2 Boiling Point/Boiling Range: N/D

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: 1.1

9.10 Solubility: water solubility Immiscible with water

10. Stability and reactivity

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
11. Toxicological information
   No information

12. Ecological information
   The product should not be allowed to drain into sewers.

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

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