SAFETY DATA SHEET

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

1.1 Product Name:
BeautiSealant “PRIMER”

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: 2016.4.25

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

2. Hazardous identification

GHS CLASSIFICATION

<table>
<thead>
<tr>
<th>PHYSICAL HAZARDS</th>
<th>HEALTH HAZARDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLAMMABLE LIQUIDS</td>
<td>ACUTE TOXICITY–ORAL</td>
</tr>
<tr>
<td>PHYSICALLY INFLAMMABLE</td>
<td>ACUTE TOXICITY–DERMAL</td>
</tr>
<tr>
<td>PYROPHORIC LIQUIDS</td>
<td>ACUTE TOXICITY–INHALATION(VAPOURS)</td>
</tr>
<tr>
<td>CORROSIVE TO METALS</td>
<td>SKIN CORROSION/IRRITATION</td>
</tr>
<tr>
<td>ACUTE TOXICITY–ORAL</td>
<td>EYE DAMAGE/IRRITATION</td>
</tr>
<tr>
<td>ACUTE TOXICITY–DERMAL</td>
<td>SENSITIZATION–RESPIRATORY</td>
</tr>
<tr>
<td>ACUTE TOXICITY–INHALATION(VAPOURS)</td>
<td>Category 2A</td>
</tr>
<tr>
<td>SKIN CORROSION/IRRITATION</td>
<td>SENSITIZATION–SKIN</td>
</tr>
<tr>
<td>EYE DAMAGE/IRRITATION</td>
<td>GERM CELL MUTAGENICITY</td>
</tr>
<tr>
<td>SPECIFIC TARGET ORGAN SYSTEMIC</td>
<td>Category 1 (narcotic effects, respiratory tract irritation)</td>
</tr>
<tr>
<td>TOXIC TO REPRODUCTION</td>
<td>SPECIFIC TARGET ORGAN SYSTEMIC</td>
</tr>
<tr>
<td>SPECIFIC TARGET ORGAN SYSTEMIC</td>
<td>TOXICITY (SINGLE EXPOSURE)</td>
</tr>
<tr>
<td>HAZARDOUS TO THE AQUATIC</td>
<td>SPECIFIC TARGET ORGAN SYSTEMIC</td>
</tr>
<tr>
<td>ENVIRONMENT–ACUTE HAZARD</td>
<td>TOXICITY (REPEATED EXPOSURE)</td>
</tr>
<tr>
<td>HAZARDOUS TO THE AQUATIC</td>
<td></td>
</tr>
<tr>
<td>ENVIRONMENT–CHRONIC HAZARD</td>
<td></td>
</tr>
</tbody>
</table>

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

LABEL ELEMENTS

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>SIGNAL WORD</th>
<th>HAZARD STATEMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Danger</td>
<td>Highly flammable liquid and vapor</td>
</tr>
<tr>
<td></td>
<td></td>
<td>May cause allergic skin reaction</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Causes serious eye irritation</td>
</tr>
</tbody>
</table>

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May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause respiratory irritation, or May cause drowsiness and dizziness
Suspected of damaging fertility or unborn child
Warning May cause damage to organs through prolonged or repeated exposure (blood)

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.
In case of inadequate ventilation wear respiratory protection.
Do not breathe dust/fume/gas/mist/vapours/spray.
Do not eat, drink or smoke when using this product.
Keep away from ignition sources such as heat/sparks/open flames—No smoking.
Ground/Bond container and receiving equipment.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing should not be allowed out of the workspace.
Keep container tightly closed.
Wash hands thoroughly after handling.

[Response]
If inhaled, 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.
If you feel un-well, get medical advice/attention.
Take of immediately contaminated clothing.
Wash contaminated clothing before reuse.
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 (Keep refrigerated when not in use)

[Disposal]
Dispose of contents and container in accordance with regulation.

3. Composition/information on ingredients

Composition Hazzard type
Acetone [Cas No. 67-64-1] ≒60% F .Xi
Purified water [Cas No. 7732-18-5]
Phosphonate monomer
Others

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

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 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: See section 8.
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: Handle in a well ventilated place. Wear protective gloves, safety spectacles or face shield. (If necessary wear self-contained breathing apparatus.) Keep away from naked flames, sparks and sources of heat. No smoking.
7.2 Storage: Store in a cool and dark fire proof area with container tightly closed. Separated from strong oxidants. (Keep refrigerated when not in use.)

8. Exposure controls/personal protection

8.1 Exposure limits: ACGIH TLV.
   Acetone [Cas No.67–64–1] 500 ppm (TWA); 750 ppm (STEL) A4

8.2 Respiratory Protection: Ventilation. Local exhaust.
8.3 Hand Protection: Latex or rubber gloves
8.4 Eye Protection: Safety spectacles
8.5 Skin Protection: Not required (General working clothes.)

9. Physical and chemical properties

9.1 Appearance/Odour/pH: Colorless liquid with sweet odor
9.2 Boiling Point/Boiling Range: N/D
9.3 Melting Point/Melting Range: 95 °C [as Acetone]
9.4 Flash point: -15.0 °C (closed)
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: 0.94 (water = 1)
9.10 Solubility: Water solubility Soluble in all purport

10. Stability and reactivity

10.1 Stability: Stable under the normal condition.
10.2 Reactivity: Hazardous polymerization will not occur.
10.3 Condition to avoid: Avoid excess heat, flame and other source of ignition. Separated from strong oxidants.
10.4 Materials to avoid: Strong oxidizing materials
11. Toxicological information

*Acetone*:

**Acute toxicity**: Emergency response guidebook

- **Vapors** may cause dizziness or suffocation.
  - **(Inhalation)**: mouse LCL0 110 g/m3/1H
    - rat LCL0 16000 ppm/4H
    - human TCL0 500 ppm
  - **(Oral)**: mouse LD50 3000 mg/kg
    - rat LD50 5800 mg/kg
  - **(Dermal)**: rabbit LD50 20 g/kg

**Irritant properties**: Inhalation or contact with material may irritate or bum skin and eyes.

- **Irritant properties to skin/eye**.
  - **(Skin)**: rabbit 3950 ug; SEVERE
    - rabbit 100 mg/24H; MODERRATE
  - **(Eye)**: rabbit 395 mg open; MILD
    - rabbit 500 MG/24H; MILD

**Allergenic and sensitizing effects**: N/A

**Chronic toxicity**:

- **Toxic**: danger of serious damage to health by prolonged exposure through inhalation.

**Carcinogenic effects**:

- ACGIH-A4: Not Classifiable as a Human Carcinogen.

**Mutagenic effects**: N/A

**Teratogenic effects**: N/A

**Toxicity for reproduction**: N/A

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 (to be specified).

14. Transport information

- **UN Hazard Class**: 3
- **UN Packing Group**: II
- **UN NO.1090** (as Aceton)

15. Regulatory information

Follow all regulations in your country.

16. Other information

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

**HMIS**: Health Hazard: 2
- Fire Hazard: 3
- Reactivity: 0

**NFPA**: Health: 1
- Flammability: 3
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Reactivity: 0
Specific hazard: None