

## MATERIAL SAFETY DATA SHEET

### 1. Identification of the Product and the Company

**1.1 Product Name:**

HY-Bond Temporary Cement Soft "POWDER"

**1.2 Company /Undertaking identification**

Manufacturer's Name: Shofu Dental Corporation

Address: 1225 Stone Drive, San Marcos, CA 92078

Phone Number for Information: 760-736-3277

Signature of Preparer:

Date Prepared: 2001.7.30

**1.3 Emergency Telephone Number**

1-800-535-5053

### 2. Composition/Information on Ingredients

| <i>Nuisance Dust</i>             | CAS.no.   |
|----------------------------------|-----------|
| Zinc Oxide (ZnO)                 | 1314-13-2 |
| Magnesia(MgO)                    | 1309-48-4 |
| Silicon Oxide(SiO <sub>2</sub> ) | 7631-86-9 |

### 3. Hazardous Identification

**3.1 Route of Entry:** Inhalation: N/A Skin: N/A Ingestion: N/A

**3.2 Health Hazard(Acute and Chronic)** This product contain Zinc oxide,Silicon oxide .  
Prolonged exposure to respirable dust may cause chronic lung injury.  
Eyes contact may cause a scratch to the cornea.

**3.3 Carcinogenicity** No

### 4. First Aid Measures

**4.1 Eye contact :** Rinse immediately with plenty of water and seek medical advice if necessary.

**4.2 Skin contact :** Wash with water and soap.

**4.3 Ingestion :** Seek medical advice if necessary.

**4.4 Inhalation:** Remove from exposure .

**4.5 Other :** If you feel unwell, seek medical advice immediately.

### 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;** Do not breath dust.

**6.2 Environmental Precautions;** Use a local exhaust system.

**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 containers closed.

**MATERIAL SAFETY DATA SHEET****8.Exposure Controls/Personal Protection**

| <i>8.1 Exposure limits:</i>        | Chemical name               | CAS No.   | ACGIH TLV |
|------------------------------------|-----------------------------|-----------|-----------|
|                                    | Zinc Oxide                  | 1314-13-2 | 10mg/m3   |
|                                    | Magnesium Oxide             | 1309-48-4 | 10mg/m3   |
| <i>8.2 Respiratory Protection:</i> | Dust mask                   |           |           |
| <i>8.3 Hand Protection:</i>        | Latex or plastic gloves     |           |           |
| <i>8.4 Eye Protection:</i>         | Safety goggles              |           |           |
| <i>8.5 Skin Protection:</i>        | General protective overall. |           |           |

**9.Physical And Chemical Properties**

|  |                                 |
|--|---------------------------------|
| <i>9.1 Appearance/Odour</i>              | White or Pink, odourless powder |
| <i>9.2 Boiling Point/Boiling Range:</i>  | N/A                             |
| <i>9.3 Melting Point/Melting Range:</i>  | N/A                             |
| <i>9.4 Flash point:</i>                  | N/A                             |
| <i>9.5 Auto flammability:</i>            | N/A                             |
| <i>9.6 Explosive Properties:</i>         | N/A                             |
| <i>9.7 Oxidizing Properties:</i>         | N/A                             |
| <i>9.8 Vapour Pressure:</i>              | N/A                             |
| <i>9.9 Relative Density:</i>             | about 2.5                       |
| <i>9.10 Solubility: water solubility</i> | Insoluble                       |

**10.Stability And Reactivity**

This is considered to be stable.

**11.Toxicological Information**

N/A

**12.Ecological Information****13.Disposal Conditions**

Disposal in accordance with federal, state and local regulations.

**14.Transport Information**

No special precautions are required.

**15.Regulatory Information****16.Other Information**

Handling of this product exclusively by dental specialists according to instruction for use.