

---

## 1. Identification of the Product and the Company

---

### 1.1 Product Name:

**M.L. Primer**

### 1.2 Company / Undertaking Identification

Manufacturer's Name: SHOFU INC.

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

Phone Number for Information: 81-75-561-1112

Signature of Preparer:

Date Prepared: 2003.5.15

### 1.3 Emergency Telephone Number

81-75-561-1112

---

## 2. Composition/Information on Ingredients

---

Hazardous Composition	CAS No.	
Acetone	[Cas no.67-641]	> 99% highly flammable
others (Phosphonate monomer ? Thiocetic acid monomer)		

---

## 3. Hazardous Identification

---

3.1 Route of Entry: Inhalation: possible, Skin: possible, Ingestion: possible,

3.2 Health Hazard (Acute and Chronic) Eye contact may occur irritation or possible corneal damage. Inhalation may occur sore throat, cough, confusion, headache and/or dizziness. Possible nausea on prolonged exposure.

3.3 Carcinogenicity N/A

3.4 Hazard Designation: Highly flammable liquid. Symbol is F Vapour/air mixture are explosive.

---

## 4. First Aid Measures

---

4.1 Eye contact: Flush with flowing water then consult physician.

4.2 Skin contact: Wash immediately with soap and plenty of water.

4.3 Ingestion: Consult physician.

4.4 Inhalation: Move to the open air.

---

## 5. Fire-fighting Measures

---

5.1 Suitable Extinguishing Media: Water, CO2, dry chemical foam

5.2 Extinguishing Media Should not be used:

5.3 Special Exposure Hazards Arising: Easily flammable liquid in room temp.

5.4 Special Protective Equipment: Wear fire protective cloth,

---

## 6. Accidental Release Measures

---

6.1 Personal Precautions: Avoid eye and skin contact. 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.

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. 67-641] 1780 mg/m<sup>3</sup>
- 8.2 Respiratory Protection:* Not required (use protective gas mask for organic gas, if necessary)
- 8.3 Hand Protection:* Latex or rubber gloves
- 8.4 Eye Protection:* Safety goggles (May be required)
- 8.5 Skin Protection:* Not required (General working clothes)

---

**9.Physical And Chemical Properties**

---

- 9.1 Appearance/Odor/pH* Colorless liquid with sweet odor
- 9.2 Boiling Point/Boiling Range:* approx. 56°C
- 9.3 Melting Point/Melting Range:* 95 ???as Acetone
- 9.4 Flash point:* -18°C (close)?as Acetone?
- 9.5 Auto-ignition temp.:* 465 ???as Acetone?
- 9.6 Explosive Properties:* explosive limits (20% - 11%) ?as Acetone?
- 9.7 Relative vapour density (air=1) :* 2.0
- 9.8 Vapour Pressure:* 24 kPa (at 20°C?Acetone]
- 9.9 Relative Density:* 0.83 (water=1)
- 9.10 Solubility: water solubility* Soluble in all purport

---

**10.Stability And Reactivity**

---

- 10.1 Condition to Avoid:* Visible light on the liquid.  
Keep away from source of ignition. (electric discharge and smoking etc.)
- 10.2 Materials to Avoid:* Strong oxidizing materials
- 10.3 Hazardous Decomposition Products:* may occur peroxide

---

**11.Toxicological Information**

---

Inhalation of the vapor, may cause headache, dizziness and vomiting.  
Repeated contact to the mucous membrane of eyes, nose and throat cause inflammation.

---

**12.Ecological Information**

---

---

**13.Disposal Conditions**

---

---

**14.Transport Information**

---

---

**15.Regulatory Information**

---

---

**16.Other Information**

---

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