
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 Number81-75-561-1112

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/m³
- 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 proportion

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.