

MATERIAL SAFETY DATA SHEET

1. Identification of the Product and the Company

1.1 Product Name:

AZ 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: 2007.02.25

1.3 Emergency Telephone Number

81-75-561-1112

2. Composition/Information on Ingredients

Composition	CAS No.	%	Hazzard type
Acetone	67-64-1	> 99 %	highly flammable
others(Phosphonate monomer / Thiocctic 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 : Flash 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: Ventilation. Do not wash away into sewer.
- 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.

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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

<i>8.1 Exposure limits:</i>	Acetone[Cas No. 67-64-1]	ACGIH TLV 500 ppm(TWA) ; 750 ppm(STEL)
<i>8.2 Respiratory Protection:</i>	Not required(use protective gas mask for organic gas, if necessary)	
<i>8.3 Hand Protection:</i>	Latex or rubber gloves	
<i>8.4 Eye Protection:</i>	Safety goggles (May be required)	
<i>8.5 Skin Protection:</i>	Not required (General working clothes)	

9.Physical And Chemical Properties

<i>9.1 Appearance/Odor/pH</i>	Colorless liquid with sweet odor
<i>9.2 Boiling Point/Boiling Range:</i>	approx. 56
<i>9.3 Melting Point/Melting Range:</i>	95 [as Acetone]
<i>9.4 Flash point:</i>	-18 (close) [as Acetone]
<i>9.5 Auto -ignition temp.:</i>	465 [as Acetone]
<i>9.6 Explosive Properties:</i>	explosive limits (2.2 ~ 13 vol% in air) [as Acetone]
<i>9.7 Relative vapour density (air =1) :</i>	2.0
<i>9.8 Vapour Pressure:</i>	24 kPa (at 20) [as Acetone]
<i>9.9 Relative Density:</i>	0.83 (water=1)
<i>9.10 Solubility: water solubility</i>	Soluble in all purport

10.Stability And Reactivity

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

Do not wash away into sewer. Dispose according to local, state and federal regulations

14.Transport Information

UN Hazard Class 3; Pack group ENo.1090(as Acetone)

15.Regulatory Information

16.Other Information

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