

Material Safety Data Sheet

according Directive 91/155 EEC

Important: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product.

1. Identification of the substance/preparation and company

- 1.1. **Product Name:** AZ-Primer
- 1.2. **Company:**
Shofu Dental GmbH
Am Brüll 17
40878 Ratingen
Phone No. +49 (0)2102/8664-0 Fax-No. +49 (0)2102/8664-64
- 1.3. **Emergency Phone No.**
+49 (0)2102/8664-25

2. Composition/information on ingredients

Compositions given are typical values, not specifications.

2.1. Ingredients	Einecs no.	% weight	Symbol	risk-phrases CAS-No.
Acetone		>99	F+	R11, S7,S9, 67-64-1
Phosphonate monomer				S16, S23,
Thioctic acid monomer				S33

3. Hazard identification

- 3.1. **For the user:** Eye contact may occur irritation or possible corneal damage.
Possible nausea on prolonged exposure
Inhalation may occur sore throat, cough, confusion, headache
- 3.2. **Environmental hazard:** and/or dizziness

4. First aid measures

- 4.1. **Inhalation:** Move to the open air
- 4.2. **Skin contact:** Wash immediately with soap and plenty of water
- 4.3. **Eye contact:** Flash with flowing water and consult physician
- 4.4. **Ingestion:** Consult physician

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5. Fire-fighting measures

- 5.1. **Extinguisher method:** foam, CO₂, dry chemical, water
- 5.2. **Not useful method:**
- 5.3. **Special equipment for fire-fighting:** Wear fire protection cloth

6. Accidental release measures

- 6.1. **Personal precautions:** Avoid eye and skin contact -see section 8-
Do not inhale vapor
- 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
(leak-proof and gastight)

7. Handling and storage

- 7.1. **Handling:** Handle in a well ventilated place, keep away from
naked flames, sparks and sources of heat, do not smoke. Wear protective gloves, safty spectaches or face shield
- 7.1.1. **Precautions for safe handling:**
- 7.2. **Storage:** Store in a cool and dark fire proof area with container
tightly closed. Separate from strong oxidants
- 7.2.1. **Precautions for storage rooms:** Keep refrigerated when not in use
- 7.2.2. **Storage of incompatible materials:**
- 7.2.3. **Special storage conditions:** Do not expose to sunlight or heat
No smoking area

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8. Exposure controls/personal protection

8.1. Exposure controls:

8.1.1. ACGIH TLV 500 ppm (TWA) ; 750 ppm (STEL)

8.2. Respiratory protection: Not required (use protective gas mask for organic gases, if necessary)

8.3. Hand protection: Protective gloves (latex or rubber)

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 Liquid Colour colorless Odour: sweet

9.2. PH:

9.3. Boiling point: approx. 56 °C

9.4. Melting point 95 °C (as Acetone)

9.5. Flash point -18°C (close) (as Acetone)

9.6. Explosion limits: Lower: 2,2 Upper: 13 vol% in air (as Acetone)

9.7. Relative density: 0.83 (water =1)

9.8. Vapour density: 2 (air=1)

9.9. Solubility: soluble

9.10. Viscosity:

9.11. Others:

10. Stability and reactivity:

10.1. Conditions 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

10.4.. Others:

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11. Toxicological information:

11.1. Acute Toxicity:

11.1.1. Ingestion:

11.1.2. Inhalation:

Of the Vapour may cause headache, dizziness and vomiting

11.1.3. Skin contact:

11.1.4. Eye contact:

Repeated contact to the mucous membrane of eyes, nose and throat cause inflammation

11.2. Chronic effects:

11.2.1.

11.2.2.

11.2.3.

11.2.4.

11.2.5.

12. Ecological information:

13. Disposal considerations:

13.1. Material:

Do not wash away into sewer

13.2. Packaging:

14. Transport information:

UN hazard Class 3

Pack group II Enno. 1090 (as Acetone)

15. Regulatory information:

Marking for dangerous preparations:

F+

Highly flammable

16. Other information:

Handling of product exclusively by dental specialists according to instructions for use

N/A: Not applicable

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Some of the information presented and conclusions drawn herein are from sources other than direct test-data on the product itself.

The contents and format of this MSDS are in accordance with EEC Commission Directive 91/155 /EEC.

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