

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:** Porcelain 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.
Ethanol		approx. 95	F	R11, S7,S9, 64-17-5
Maleic anhydride		< 1		S16, S23, 108-31-6
Others				S33

3. Hazard identification

- 3.1. **For the user:** Liquid and vapor contact may cause irritation to eyes, respiratory system and skin
- 3.2. **Environmental hazard:**

4. First aid measures

- 4.1. **Inhalation:** Move to the open air and rest.
- 4.2. **Skin contact:** Wash immediately with soap and plenty of water. Seek medical advice if necessary.
- 4.3. **Eye contact:** Rinse immediately with plenty of water and consult physician.
- 4.4. **Ingestion:** Rinse mouth. Consult physician.

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5. Fire-fighting measures

- 5.1. **Extinguisher method:** foam, CO₂, dry chemical, alcohol-resistant foam.
- 5.2. **Not useful method:**
- 5.3. **Special equipment for fire-fighting:** Wear fire protective cloth and self contained breathing apparatus if necessary.

6. Accidental release measures

- 6.1. **Personal precautions:** Avoid eye contact -see section 8-
- 6.2. **Environmental precautions:** Remove all ignition sources. Ventilation.
- 6.3. **Methods for cleaning up** Wipe up spills, then discard in a suitable container for disposal (leak-proof and gastight)
Wash away remainder with plenty of water.

7. Handling and storage

- 7.1. **Handling:** Handle in a well ventilated place, keep away from ignition sources, do not smoke.
- 7.1.1. **Precautions for safe handling:**
- 7.2. **Storage:** Keep in a cool and well ventilated place.
Store in a cool and dark fireproof area with container tightly closed. Separate from strong oxidants.
- 7.2.1. **Precautions for storage rooms:**
- 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 1000 ppm

8.2. Respiratory protection: Use local exhaust and protective gas mask for organic gas, if necessary.

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

8.4. Eye protection: Safety goggles

8.5. Skin protection: Not required

9. Physical and chemical properties:

9.1. Appearance Liquid Colour colorless Odour: alcohol

9.2. PH:

9.3. Boiling point: approx. 80 °C

9.4. Melting point N/A

9.5. Flash point 16°C (close)

9.6. Explosion limits: Lower: Upper:

9.7. Relative density: 0.8 (water=1)

9.8. Vapour density:

9.9. Solubility: water solubility: soluble in all purport

9.10. Viscosity:

9.11. Others:

10. Stability and reactivity:

10.1. Conditions to avoid: Keep away from sources of ignition. No smoking

10.2. Materials to avoid: Strong oxidizing materials.

10.3. Hazardous decomposition products: Will not occur

10.4.. Others:

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11. Toxicological information:

11.1. Acute Toxicity:

11.1.1. Ingestion:

11.1.2. Inhalation:

11.1.3. Skin contact:

11.1.4. Eye contact:

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:** Dispose in accordance with local, state and federal regulations.

13.2. **Packaging:**

14. Transport information:

UN Hazard Class:3 Pack Group: II (UN No: 1170 as Ethanol)

15. Regulatory information:

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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The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge.

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