

Safety Data Sheet (EC) No. 1907/2006

1. Product- and Company Identification

<u>Trade name:</u>	DC Etch+Bond 1, art. No. 702290
<u>Manufacturer:</u>	DC Dental Central Großhandelsges.mBH Carl-Zeiss-Str.2 D-22946 Trittau, Germany
<u>Further information obtainable from:</u>	Tel.: +49 (0)4154/8437 0 Fax: +49 (0)4154/8437 33
<u>Information in case of emergency:</u>	Same as above.

2. Composition/information on ingredients

Chemical characterization					
Description: Mixture of derivatives of bis-acrylamide, water, bis-methacrylamide dihydrogen phosphate, amino acid acrylamide, hydroxy alkyl methacrylamide, highly dispersed silicon dioxide, catalysts and stabilizers.					
Hazardous Ingredients:					
<u>Description:</u>	<u>CAS-Nr:</u>	<u>EINECS:</u>	<u>Classification:</u>	<u>R-phrases</u>	<u>Gew.%</u>
Bis-methacrylamide dihydrogen phosphate	911525-18-3	--	Xi: Irritant	R 36/37/38, R 43	10-20

3. Hazards identification

May cause sensitisation by skin contact. Irritating to eyes and skin.

4. First aid measures

<u>After inhalation:</u>	Take into fresh air.
<u>After skin contact:</u>	Wash thoroughly with water.
<u>After eye contact:</u>	Flush eyes with plenty of water (10-15 min.). Call a physician.
<u>After swallowing:</u>	After ingestion call a physician immediately and show this safety data sheet. Give large amounts of water.
<u>Further information:</u>	Remove contaminated clothing.

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5. Fire-fighting measures

Suitable extinguishing agents:

No specific requirements.

For safety reasons unsuitable extinguishing agents:

None.

6. Accidental release measures

Procedures for cleaning / absorption:

Small amounts: absorb with materials which bind liquids. Clean area with water.

7. Handling and storage

Handling:

Information for safe handling:

Only adequately trained personnel should handle this product.

Industrial hygiene:

Usual hygienic measures are necessary.

Practice care and caution to avoid skin and eye contact.

Storage:

Requirements to be met by storerooms and receptacles:

Store at 2 - 8° C

Do not store in open sunshine.

Fire-and explosion-protection:

Keep away from heat source.

8. Exposure controls/personal protection

Exposure controls:

Good general ventilation should be sufficient.

Exposure limit values:

None established.

Additional information:

The lists valid during the making were used as basis.

Eye protection: Safety goggles.

Eye wash fountain should be located in immediate work area.

Respiratory protection: No specific requirements.

Hand protection: Appropriate gloves. Commercial medical gloves do not provide protection against the sensitizing effect of methacrylates. Check penetration time for the specific gloves used with the glove manufacturer.

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9. Physical and chemical properties

<u>Form:</u>	Liquid.
<u>Colour:</u>	Yellowish.
<u>Odour:</u>	Characteristic.
<u>Flash point:</u>	Not known.
<u>Ignition temperature:</u>	Not applicable.
<u>Self-igniting:</u>	Not applicable.
<u>Explosion limits:</u>	Not applicable.
<u>Density:</u>	1.12 g/cm ³
<u>Solubility in water:</u>	soluble
<u>pH-value:</u>	1.5
<u>Further information:</u>	Part. coeff. n-octanol/water Evaporat. rate

10. Stability and reactivity

<u>Thermal decomposition:</u>	None, if used in accordance to instructions.
<u>Hazardous decomposition products:</u>	None under normal conditions of storage and use.
<u>Conditions / materials to avoid:</u>	Avoid excessive heat and direct sunlight.
<u>Further information:</u>	Avoid exposure to light.

11. Toxicological information

<u>Mucous membranes:</u>	Irritating. Prevent skin and eye contact. Sensitisation.
<u>Uncured material:</u>	Prolonged or frequently repeated skin contact may cause allergic skin reactions.

12. Ecological information

<u>Ecotoxicity:</u>	No data available.
<u>Mobility:</u>	No data available.
<u>Persistence and degradability:</u>	No data available.
<u>Bioaccumulative potential:</u>	No data available.
<u>Further information:</u>	Do not allow to flow off into drains or waters.

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13. Disposal considerations

Product:

Recommendation:

Take to an approved landfill or a waste incineration plant, under conditions approved by the local authority.

EU waste key 18 01 06

14. Transport information

Product is not classified as a dangerous good for transport.

15. Regulatory information

Labelling according international regulations GefStoffV/EG:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

Identification-letter and hazard denotation of the product:

Xi irritant (contains Bis-methacrylamide dihydrogen phosphate)

R-Phrases:

R₄₃ May cause sensitisation by skin contact.

R_{36/38} Irritating to eyes and skin.

S-Phrases:

S₂₄ Avoid contact with skin.

S₂₆ In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S₂₈ After contact with skin, wash immediately with plenty of water.

S_{24/25} Avoid contact with eyes and skin.

S_{37/39} wear suitable gloves and eye/face protection.

16. Other information

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the meaning of guarantees on properties.