

Safety Data Sheet (EC) No. 1907/2006

1. Product- and Company Identification

<u>Trade name:</u>	DC Adhesive NF, art. No. 716383
<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					
Mixture of dimethacrylates, alcohol, phosphonic acid acrylate, HEMA (hydroxyethyl methacrylate), SiO ₂ , initiators and stabilizers					
Hazardous Ingredients:					
<u>Description:</u>	<u>CAS-Nr:</u>	<u>EINECS:</u>	<u>Classification:</u>	<u>R-phrases</u>	<u>Gew.%</u>
Phosphonic acid acrylate	223681-84-3	--	--	--	<11%
HEMA	868-77-9	--	--	--	<15%
Dimethacrylates	1565-94-2 1830-78-0 72869-86-4	--	--	--	<53%
Alcohol	64-17-5	--	--	--	<20%
<u>Further information:</u> None.					

3. Hazards identification

<u>Hazard-denotation:</u> Xi Irritant
<u>Special hazard for human and environment:</u> R36/38 Irritating to eyes and skin. R43 May cause sensitization by skin contact.

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4. First aid measures

<u>After inhalation:</u>	Take into fresh air.
<u>After skin contact:</u>	Wash thoroughly with soap and water.
<u>After eye contact:</u>	Flush eyes with plenty of water (10-15 min.). Call a physician.
<u>Ingestion:</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.

5. Fire-fighting measures

<u>Suitable extinguishing agents:</u>	No specific requirements.
<u>Extinguishing media to avoid:</u>	None.
<u>Further information:</u>	Cool containers in the vicinity of the blaze using a water spray.

6. Accidental release measures

<u>Accidental release measures:</u>	Clean up with absorbent material. Clean area with large amounts of water.
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7. Handling and storage

Handling:
<u>Information for safe handling:</u> Only adequately trained personnel should handle this product.
<u>Industrial hygiene:</u> Keep out of reach of children. Practice care and caution to avoid skin and eye contact. Usual hygienic measures are necessary.
Storage:
<u>Requirements to be met by storerooms and receptacles:</u> Store at 2 - 8° C / 26 – 28° F Do not store in open sunshine.
<u>Fire-and explosion-protection:</u> Keep away from heat source.

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8. Exposure controls/personal protection

Technical equipments:

Good general ventilation should be sufficient.

Control of threshold limits:

None established.

Eye protection:

Safety goggles or face-shield.

Eye wash fountain should be located in immediate work area.

Respiratory protection:

Respiratory protection.

Hand protection:

Rubber gloves.

Other:

None.

9. Physical and chemical properties

Form:

Liquid.

Colour:

colourless.

Odour:

Characteristic.

Flash point:

>40° C

Ignition temperature:

Not applicable.

Explosion limits:

Not applicable.

Density:

1.04 g/cm³

Vapour pressure:

Not applicable.

Viscosity:

Not known.

Solubility in water:

Partially miscible

pH-value:

1.7

Further information:

None.

10. Stability and reactivity

Thermal decomposition:

None, if used in accordance to instructions.

Hazardous

None under normal conditions of storage and use.

decomposition products:

Conditions / materials to

Avoid excessive heat and direct sunlight.

avoid:

Further information:

Avoid exposure to light.

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11. Toxicological information

<u>Acute toxicity:</u>	The oral LD50 for rats is >2000 mg/kg. Prevent skin and eye contact. Mucous membranes: irritating..
<u>Subacute/ chronic toxicity:</u>	Uncured material: prolonged or frequently repeated skin contact may cause allergic skin reactions in some individuals.
<u>Further information:</u>	None.

12. Ecological information

<u>German "Wassergefährdungsklasse (WGK)":</u> 1 The product must not enter effluent, ground water, surface water or the soil.

13. Disposal considerations

<u>Recommendation:</u> Take to a special waste incineration plant, in line with local regulations. <u>EU waste key:</u> 18 01 06 <u>Origin:</u> Dental practice.

14. Transport information

Product is not classified for any mode of transportation.

15. Regulatory information

This product requires classification according to the criteria of the EC. The Product is a medical device according to the EC-directive 93/42/EEC. <u>Identification-letter and hazard denotation of the product:</u> Xi irritant (contains Phosphonic acid acrylate, HEMA, Diemthacrylates, alcohol)) <u>R-Phrases:</u> R 36/38Irritating to eyes and skin. R_43 May cause sensitisation by skin contact. <u>S-Phrases:</u> S 2 Keep out of the reach of children. S 24/25 Avoid contact with skin and eyes. S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S 28 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 protcetion.
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Further information:

None.

16. Other information

Safe handling and storage practice should be observed.

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.