

safety data sheet according to 91/155/EEC

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Delta-Quick

1. identification of the substance/preparation and of the company/undertaking:

- 1.1 identification of the substance: dimethacrylate
- 1.2 application / preparation: light-curing modeling resin
for dental use
- 1.3 producer / supplier: White Peaks Dental Systems GmbH & Co. KG
Langeheide 9
45239 Essen - Germany
phone: +49-281-206458-0
fax: +49-281-206458-13
- 1.4 toxication helpdesk: Giftnotrufzentrale Berlin:
phone (24Std.) +49 30 19240

2. composition / information on ingredients

chem. characterisation, description: paste from Dimethacrylates, inorganic filler,
initiators, stabilizers and pigments.

hazardous ingredients

material		CAS-Nr.	Symbol	R-phrase	EC-Nr.
until GMA	20 - 42 %	1565-94-2			
Triethylenglycoldimethacrylat	6 - 10 %	109-16-0			
Urethandimethacrylat	20 %	72869-86-4	Xi	R36, R38	
Decamethylendimethacrylat	0 - 7 %	6701-13-9			
additional notes:	none				

3. hazards identification

- 3.1 hazard designation for human an environment: direct contact can irritate your eyes and skin
 3.2 hazardous / non hazardous preparation: n.a.
 3.3 harmful effects to health and environment on abuse: n.a.
 3.4 other hazards based on material: n.a.

4. first aid measures

- 4.1 general information: if you feel uncomfortable please consult a physician
 4.2 after inhalation: supply fresh air
 4.3 after skin contact: rinse thoroughly with water and soap
 4.4 after eye contact: rinse thoroughly with water. If symptoms persist consult a physician
 4.5 after swallowing: swallowing small amount should not cause any health damage
 4.6 information for physician: please show this document

5. fire-fighting measures

- 5.1 suitable extinguishing media: water mist, carbon dioxide, foam, dry powder
 5.2 not suitable extinguishing media: n.a.
 5.3 hazardous combustion products: n.a.
 5.4 special protection equipment: n.a.

6. accidental release measures

- 6.1 personal precautions: n.a.
 6.2 environmental precautions: n.a.
 6.3 methods of cleaning: absorb mechanically. Dispose to the regulations (see chapter 13)
 6.4 additional information: n.a.

7. handling and storage

- 7.1 handling: handle this product only with trained personnel. Keep out of reach of children
- 7.2 storage: store in room temperature. Protect to action of light. Do not leave this product in direct insolation
- 7.3 application: n.a.

8. exposure controls/personal protection

- 8.1 exposure limits: n.a.
- 8.2 limitation and monitoring to exposure n.a.
- 8.2.1 limitation and monitoring to exposure at work station: Do not eat, drink or smoke while you are working. Keep away from food and drinks
- 8.2.1.1 respiratory protection: n.a.
- 8.2.1.2. hand protection wear gloves
- 8.2.1.3. eye protection: wear protective glasses
- 8.2.1.4. skin protection: use protective clothing
- 8.2.2. limitation and monitoring to environmental exposure: n.a.

9. physical and chemical properties

- 9.1 appearance: blue transparent or nature transparent
- 9.1.1 aggregate state: paste
- 9.1.2 odour: odourless
- 9.2 pH: n.a.
- 9.2.1 boiling point: n.a.
- 9.2.2 flash point: <150 °C
- 9.2.3. autoflammability: n.a.
- 9.2.4. explosive properties: n.a.
- 9.2.5. oxidizing properties: n.a.
- 9.2.6. vapor pressure: n.a.
- 9.2.7. relative density: n.a.
- 9.2.8. solubility water / fat insoluble in water

9.2.9. partition coefficient:	n.b.
9.2.10. viscosity :	n.b.
9.2.11. vapor density	n.a.
9.2.12. evaporation rate:	n.a.
9.3 other data:	none

10. stability and reactivity

10.1 conditions to avoid:	protect from light irradiation and heat
10.2 materials to avoid:	n.a.
10.3 hazardous decomposition products:	n.a.

11. toxicological information

n.a.

12. ecological information

12.1 ecotoxicity:	if use properly, there are not environmental problems expected.
12.2 mobility:	n.a.
12.3 persistence / degradability:	n.a.
12.4. bioaccumulation potential:	n.a.
12.5. other adverse effects:	n.a.

13. disposal considerations

dispose according to the local regulations.
EC waste key: 20 01 39

14. transport information

14.1. un-number:	n.a.
14.2. class:	n.a.
14.3. correct identification of goods:	Delta Quick light-curing modeling resin

- 14.4. packaging group: n.a.
14.5. ocean harmful substances: n.a.
14.6. other relevant information: n.a.

15. regulatory information

the usual precaution for use of chemical substances should be taken
classification: Xi (irritant)

16. other information

This safety data sheet is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

We can not a guarantee or give a warranty for the accuracy, dependability and completeness of this information, explicitly or implicitly. We call upon any person getting this information to urgently check and verify the adequacy and completeness for her or his special application.

n.a. = not applicable