

SAFETY DATA SHEET (EC 1907/2006)**in:joy Opaque**

Material no.		Version	1.2 / GB
Specification	162192	Revision date	07.02.2011
VA-Nr		Print Date	07.02.2011
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DeguDent
A Dentsply International Company**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

Trade name	in:joy Opaque
Company	DeguDent GmbH Postfach 1364 D-63403 Hanau
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Telefax	+49 (0)6181/59-5879
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Emergency telephone number	+49 (0)180 / 23 24-555

Use of the Substance / Preparation For dental use only.

REACH Registration No.: if available listed in Chapter. 3

2. HAZARDS IDENTIFICATION**Classification as per Directive 67/548/EC or Directive 1999/45/EC**Xi, Irritant
R36: Irritating to eyes.**Other Hazards****3. COMPOSITION/INFORMATION ON INGREDIENTS****Chemical nature**Preparation on the base:
Methacrylates**Information on ingredients / Hazardous components as per Directive 67/548/EC or Directive 1999/45/EC**

• Trimethylolpropane ethoxylated triacrylate 10% - 25%			
CAS-No.	28961-43-5		
	Xi		
	R36		
• Hydroxypropyl methacrylate 5% - 10%			
CAS-No.	27813-02-1	EC-No.	248-666-3
	Xi		
	R36, R43		
• DL-bornane-2,3-dione 0% - 5%			
CAS-No.	10373-78-1	EC-No.	233-814-1
	Xi		
	R36/38		

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See chapter 16 for text of risk phrases

4. FIRST AID MEASURES

Skin contact

Product is generally not a skin irritant.

Eye contact

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

Ingestion

Induce vomiting immediately and call a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water spray, foam, CO₂, dry powder., Adapt fire-extinguishing measures to surroundings

Special hazards arising from the substance or mixture

May be released in case of fire: toxic gases/vapours.

Special protective equipment for fire-fighters

No special protective equipment required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

No special precautions required.

Environmental precautions

Prevent substance from entering soil, natural bodies of water and sewer systems.

Methods and material for containment and cleaning up

In case of larger quantities:

Absorb with liquid-binding material (e.g. inert absorbent kieselguhruniversal binder) pick up.

With small amounts:

Wipe up with absorbent material (e.g. cloth, fleece).

7. HANDLING AND STORAGE

Handling

Precautions for safe handling

Keep container tightly closed.

Storage

Advice for firefighters

Keep in a cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

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Personal protective equipment

Hand protection

As the product is a preparation of several substances, the durability of the glove materials cannot be calculated in advance and has to be tested before use.

Recommendation:

Wear protective gloves made of the following materials: PVC, polyethylene.

Natural rubber (NR)

Suitability for specific workplaces should be clarified with protective glove manufacturers.

Eye protection

Avoid contact with eyes.

Recommendation:

Safety glasses with side-shields

Hygiene measures

Remove immediately all contaminated clothing.

Keep away from food and drink.

No eating, drinking, smoking, or snuffing tobacco at work. Wash face and/or hands before break and end of work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	paste
Colour	according to the coloration
Odour	ester-like

Information on basic physical and chemical properties

Melting point/range	not determined
Boiling point/range	100 °C
Flash point	101 °C
Autoinflammability	not auto-flammable
Explosiveness	not explosive
Vapour pressure	40 mbar (20 °C)
Density	1.36 g/cm ³ (20 °C)
Water solubility	immiscible

10. STABILITY AND REACTIVITY

Stability	No dangerous reactions are known to occur with correct handling and storage.
Conditions to avoid	No decomposition if used as directed.

11. TOXICOLOGICAL INFORMATION

Skin irritation	no irritating effects
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Eye irritation	irritating
Sensitization	In the case of high or long-term exposure May cause sensitisation by skin contact.

12. ECOLOGICAL INFORMATION

Further information on ecology

Further Information	Do not let the undiluted product or larger amounts of product enter water, groundwater or sewers.
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13. DISPOSAL CONSIDERATIONS

Product

Disposal according to local authority regulations.

Uncleaned packaging

Disposal according to local authority regulations.

14. TRANSPORT INFORMATION

Transport/further information

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

hazard-defining component(s)

II • Hydroxypropyl methacrylate

Symbol(s)	Xi	Irritant
R-phrased(s)	R36	Irritating to eyes.
S-phrased(s)	S25 S26	Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

National legislation

16. OTHER INFORMATION

Risk phrase (R phrase) texts

- Trimethylolpropane ethoxylated triacrylate
R36 Irritating to eyes.

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- **Hydroxypropyl methacrylate**
R36 Irritating to eyes.
R43 May cause sensitisation by skin contact.
- **DL-bornane-2,3-dione**
R36/38 Irritating to eyes and skin.

Further information

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.