

SAFETY DATA SHEET (EC 1907/2006)**in:joy Modelling liquid****DeguDent**

A Dentsply International Company

Material no.		Version	1.2 / GB
Specification	162193	Revision date	07.02.2011
VA-Nr		Print Date	07.02.2011
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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product information**

Trade name	in:joy Modelling liquid
Company	DeguDent GmbH Postfach 1364 D-63403 Hanau
Telephone	+49 (0)6181/59-5767
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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	
● Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide 0% - < 5%			
CAS-No.	75980-60-8	EC-No.	278-355-8
		Xn	
		R62, R52/53	

See chapter 16 for text of risk phrases

4. FIRST AID MEASURES**Skin contact**

Wash off immediately with plenty of water.

Eye contact

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

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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

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:.

Natural Rubber/Natural latex (NR)

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

Eye protection

Avoid contact with eyes.

Recommendation:

Safety glasses with side-shields

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Skin and body protection

Avoid contact with skin.
suitable protective clothing recommended
long sleeved clothing

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	liquid
Colour	colourless
Odour	ester-like

Information on basic physical and chemical properties

Melting point/range	not determined
Boiling point/range	100 °C
Flash point	136 °C
Ignition temperature	265 °C
Autoinflammability	not auto-flammable
Explosiveness	not explosive
Vapour pressure	40 mbar (20 °C)
Density	0.85 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
Eye irritation	irritating
Sensitization	None known.

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12. ECOLOGICAL INFORMATION**Further information on ecology**

Further Information	Do not allow entrance in sewage water, soil stretches of water, groundwater, drainage systems. Danger to groundwater and drinking water.
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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** • Trimethylolpropane ethoxylated triacrylate

Symbol(s)	Xi	Irritant
R-phrase(s)	R36	Irritating to eyes.
S-phrase(s)	S25 S26 S28 S36/37	Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Wear suitable protective clothing and gloves.

National legislation**16. OTHER INFORMATION****Risk phrase (R phrase) texts**

- **Trimethylolpropane ethoxylated triacrylate**
R36 Irritating to eyes.
- **Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide**
R62 Possible risk of impaired fertility.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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DeguDent*A Dentsply International Company***Further information**

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

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