

SAFETY DATA SHEET (EC 1907/2006)**Triad VLC Custom Tray Material**

Material no.		Version	2.4 / GB
Specification	142414	Revision date	21.02.2011
VA-Nr		Print Date	17.02.2012
		Page	1 / 5

DeguDent
A Dentsply Company**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

Trade name	Triad VLC Custom Tray Material
Company	DeguDent GmbH Postfach 1364 D-63403 Hanau
Telephone	+49 (0)6181/59-5767
Telefax	+49 (0)6181/59-5879
Email address	SDB@degudent.de
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**

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Other Hazards**3. COMPOSITION/INFORMATION ON INGREDIENTS****Chemical nature**The preparation contains:
glass
Pigments
initiators
stabilisers**Information on ingredients / Hazardous components as per Directive 67/548/EC or Directive 1999/45/EC**

● 7,7,9 (or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diaza-hexadecane-1,16-diyl-bismethacrylate 10% - 40%			
CAS-No.	72869-86-4	EC-No.	276-957-5
R52/53			
● Silicon dioxide, chemically prepared 10% - 40%			
CAS-No.	7631-86-9	EC-No.	231-545-4

SAFETY DATA SHEET (EC 1907/2006)

Triad VLC Custom Tray Material

Material no.		Version	2.4 / GB
Specification	142414	Revision date	21.02.2011
VA-Nr		Print Date	17.02.2012
		Page	2 / 5

DeguDent
A Dentsply Company

See chapter 16 for text of risk phrases

4. FIRST AID MEASURES

Description of first aid measures

Remove contaminated or saturated clothing immediately and dispose of safely.

Inhalation

Remove to fresh air.

Skin contact

Wash off immediately with soap and plenty of water.
Consult a doctor in the event of permanent skin irritation.

Eye contact

Rinse thoroughly with plenty of water keeping eyelid open.
If eye irritation persists, consult a specialist.

Ingestion

Consult a physician immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

mist, dry powder, foam

Unsuitable extinguishing media

high volume water jet

Special protective equipment for fire-fighters

Employ protective equipment commonly used in the event of fire.
In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Handle in accordance with good industrial hygiene and safety practices.

Environmental precautions

Prevent penetration into soil, stretches of water and drainage systems.

Methods and material for containment and cleaning up

Use mechanical handling equipment.

7. HANDLING AND STORAGE

Handling

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices.
Protect from heat sources, heat and exposure to direct sunlight

Advice on protection against fire and explosion

No special precautions required.

Storage

Conditions for safe storage, including any incompatibilities

Store in the original receptacle, keeping this tightly sealed, under cool and dry conditions.

SAFETY DATA SHEET (EC 1907/2006)**Triad VLC Custom Tray Material**

Material no.		Version	2.4 / GB
Specification	142414	Revision date	21.02.2011
VA-Nr		Print Date	17.02.2012
		Page	3 / 5

DeguDent
A Dentsply Company**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

• Silicon dioxide, chemically prepared			
CAS-No.	7631-86-9	EC-No.	231-545-4
Control parameters	6 mg/m ³		Time Weighted Average (TWA):(EH40 WEL)
type of exposition	Inhalable dust.		
Control parameters	2.4 mg/m ³		Time Weighted Average (TWA):(EH40 WEL)
type of exposition	Respirable dust.		

Engineering measures

Ensure that there is suitable air extraction / ventilation in the workplace or at the working machines. If necessary extractor suction on specific objects.

Personal protective equipment**Hand protection**

Avoid contact with skin.
Wear suitable gloves.
Suitability for specific workplaces should be clarified with protective glove manufacturers.

Eye protection

Avoid contact with eyes.
Safety glasses with side-shields

Hygiene measures

Handle in accordance with good industrial hygiene and safety practices.
Avoid contact with skin, eyes and clothing.
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	sheets
Colour	according to the coloration
Odour	characteristic

Information on basic physical and chemical properties

Flash point	> 100 °C
Ignition temperature	400 °C
Water solubility	partly miscible

10. STABILITY AND REACTIVITY

Conditions to avoid	No decomposition if used as directed.
Hazardous decomposition products	No hazardous decomposition products known.
Possibility of hazardous reactions	No dangerous reactions known.

SAFETY DATA SHEET (EC 1907/2006)**Triad VLC Custom Tray Material**

Material no.		Version	2.4 / GB
Specification	142414	Revision date	21.02.2011
VA-Nr		Print Date	17.02.2012
		Page	4 / 5

DeguDent
A Dentsply Company

11. TOXICOLOGICAL INFORMATION

Skin irritation	Frequent and continual skin contact can cause skin reaction (skin irritation). Irritation of skin and mucous membranes possible.
Eye irritation	May be irritating on frequent or long-term contact.
Sensitization	None known

12. ECOLOGICAL INFORMATION**Elimination information (persistence and degradability)**

Biodegradability	Exposure time: 28 d Result: 22 % Not readily biodegradable. Method: OECD 301 F related to substance: 7,7,9 (or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diaza-hexadecane-1,16-diyl-bismethacrylate
------------------	--

Ecotoxicity effects

Ecotoxicological tests with this preparation are not available.

Toxicity to fish	LC50 Brachydanio rerio: 10.1 mg/l / 96 h Method: OECD 203 related to substance: 7,7,9 (or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diaza-hexadecane-1,16-diyl-bismethacrylate
------------------	--

Further information on ecology

Further Information	Prevent penetration into soil, stretches of water and drainage systems.
---------------------	---

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.

SAFETY DATA SHEET (EC 1907/2006)**Triad VLC Custom Tray Material**

Material no.		Version	2.4 / GB
Specification	142414	Revision date	21.02.2011
VA-Nr		Print Date	17.02.2012
		Page	5 / 5

DeguDent
*A Dentsply Company***15. REGULATORY INFORMATION****Labelling according to EC Directives****hazard-defining component(s)**

- 7,7,9 (or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diaza-hexadecane-1,16-diyl-bismethacrylate

R-phrases(s) R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s) S 61 Avoid release to the environment. Refer to special instructions/ Safety data sheets.

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

- **7,7,9 (or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diaza-hexadecane-1,16-diyl-bismethacrylate**
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.