

Material Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision:02

Revision Date: 22.08.2024

Print Date : 01.02.2013



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

DYNAMIC FLOW –Dental Filling Material

Details of the supplier of the safety data sheet

Company Name: President Dental GmbH

Street: Kesselbodenstrasse 5

Zip-Code / Town/ Country: 85391 , Allershausen, Germany

Contact for technical information: +49 (0) 230 39228772

Phone / Fax / E-Mail: +49 (0) 8166 389 9 820 / +49 (0) 8166 389 9 821 / info@presidentdental.com

1.2. Emergency Telephone Number

+49 (0) 8166 389 9 820 (8.00 am – 4.30 pm Mon-Fri)

SECTION 2: Hazards identification

Physical/chemical hazards	May cause allergic skin reaction
Human health hazards	Not known to cause significant health problems. Considered a nuisance dust. Avoid inhalation and keep dust out of the eyes.
Environmental hazards	None

SECTION 3: Composition/information on ingredients

Chemical name	CAS No	w/w %	R-Phrases
Bisphenol A dimethacrylate	1565-94-2	1-10	R36/37/38
Urethane Dimethacrylate	72869-86-4	1-5	-
Ethoxylate bisphenol A dimethacrylate	41637-38-1	<30	R36/37/38-43
Triethyleneglycol dimethacrylate	109-16-0	1-5	R36/37/38
Trimetholtrimethacrylate	3290-92-4	<1	R36/37/38
Glycerol diemthacrylate	1830-78-0	<1	R36/37/38
Barium aluminium boro silicate		<60	-

SECTION 4: First aid measures

Eye Contact	If scratches or punctures occur, seek medical attention immediately.
Skin Contact	In case of contact. Immediately wash skin with water and soap.
Inhalation	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
Ingestion	Do not induce vomiting. Material is chemically inert.

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SECTION 5: Fire Fighting Measures

Extinguishing media	
Suitable	Water, Foam, Carbon Dioxide, Dry Chemical
Not suitable	N/A
Special fire fighting procedures	Self contained breathing apparatus to prevent smoke inhalation.
Unusable fire/explosion hazards	None
Hazardous thermal composition products	Burning may produce :Carbon Monoxide, Carbon Dioxide
Protection of fire fighters	Use breathing apparatus (self-contained breathing apparatus with full face shield). Wear suitable protective clothing

SECTION 6: Accidental release measures

Personal Precautions	Wear protective clothing
Environmental precautions	None
Method for cleaning up	Ventilate area of fresh air.

SECTION 7: Handling and storage

Handling Precaution	Always wear gloves and eye protection. Product is intended for dental use only.
Storage Precaution	Keep out of reach of children. Protect from exposure to direct sun light. Keep container closed. Store in cool place.

SECTION 8: Exposure controls/personal protection

Precautions for use	Wash hands before breaks and after work.
Respiratory protection	None required during normal intended use of this product
Skin and body	Wear suitable protective clothing.
Hands	Wear suitable gloves.
Eyes	With sufficient extraction or closed system; safety goggles.

SECTION 9: Physical and chemical properties

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Physical State:	Paste
Colour:	Tooth colored
Odour:	Slight acrylic odor
Solubility in Water	Insoluble
Density	1.5 g/cm ³
Flash point	Not-regulated
Boiling point	Decomposes
Melting point	N/A
Vapor pressure	N/A
Specific gravity(H₂O=1)	1.5
Autoignition temperature	N/A
Lower explosion limit	N/A
Upper explosion limit	N/A
Viscosity	N/A

SECTION 10: Stability and reactivity

Stability	Stable
Condition to avoid	Do not heat
Materials to avoid	Not known
Hazardous reactions	May not accurate
Hazardous decomposition products	CO

SECTION 11: Toxicological information

Acute toxicity	N/A
Primary effects to skin	May mildly irritate skin
Primary effects to eyes	May mildly irritate the eye
Primary effects to respiratory system	Not an acute inhalation hazard
Sensitization	Repeated or prolonged contact with the not polymerized may cause sensitization for methacrylates.
Additional toxicological info	N/A

SECTION 12: Ecological information

General information	N/A
Classification of water endangerment	N/A

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SECTION 13: Disposal considerations

Not considered a RCRA hazardous waste as identified in Fed. Reg. 40CFR261. If this product cannot be used as directed by the label, contact the local Environmental Control Agency or Agent.

SECTION 14: Transport information

DOT shipping name	Same as product name
DOT hazard class	Not-regulated
Air transport ICAO-Ti and	N/A
IATA-DGR class	Not-regulated
UN number	N/A
Sea transport IMDG/GGV sea class	N/A
EMS number	N/A
UN number	N/A
MFGA number	N/A

SECTION 15: Regulatory information

Hazard designation	Irritant
Hazard symbols	Xi
R-phrases	R36/37/38-43 : Irritating to eyes, respiratory system and skin. May Cause sensitization by skin contact
S-phrases	S26-36 : incase of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing
Other labeling	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Keep out of the reach of children.
SARA 313 toxic chemicals	None
Canadian regulations require the inclusion of the following statements under "Regulatory Information"; "This product has been classified in accordance with the hazard criteria of the controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations."	

SECTION 16: Other information

The information contained in the Safety data sheet is correct to the best of our knowledge at the date of issue. It is

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intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.

Full text of the R-phases in section 2

R36/37/38-43 : Irritating to eyes, respiratory system and skin. May Cause sensitization by skin contact