

Material Safety Data Sheet

Ref: BS 70

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Date of Issue: 10.03.11 Version: 1

1. Product and company identification

Product name /names: sebond 7

Manufacturer : Technical & General Ltd
2 Albion Place
London W6 0QT
United Kingdom
Tel: 020 8834 7575 Fax: 020 8834 7570
www.dentistmarket.com www.tgdent.com

2. Composition / Information on ingredients

Chemical characterization (Mixture)
chemical characterization (preparation): Acrylate.-resin.
common chemical name / Generic name:
Preparation of acrylic resin.
Contains aliphatic methacrylate, aromatic dimethacrylate, carbox

3. Hazards identification

Indications of danger : Irritant
R-phrases:
Irritating to eyes, respiratory system and skin.
May cause sensitization by skin contact.

4. First aid measurers

Eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin contact: After contact with skin, wash immediately with: Water and soap.
Ingestion: Immediately seek medical advice.
Inhalation : Move victim to fresh air. Put victim at rest and keep warm.

5. Fire - fighting measurers

Suitable extinguishing media: Water fog. Extinguishing powder. Sand. Foam. Carbon dioxide (CO2).
Extinguishing media to avoid: High power water jet.

6. Accidental Release Measures

Personal precautions: Wear suitable protective clothing. Provide adequate ventilation.
Environmental precautions: Do not empty into drains or the aquatic environment.
Cleaning up methods: Collect mechanically. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

7. Handling and Storage

Handling: Keep container tightly closed. Wear suitable protective clothing and gloves.
Avoid contact with eyes.
Storage: Keep in dark, cool place. Keep container tightly closed.
Store only in original container.

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8. Exposure Controls and Personal Protection

Respiratory protection:	The following must be prevented: inhalation.
Hand and skin protection:	Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).
Eye protection:	Tightly sealed safety glasses.
Hygiene measures:	When using do not eat or drink.

9. Physical and Chemical Properties

Appearance :	Yellow liquid
Odour:	esterlike, weak
PH-Value:	ca.3,5 / 20 °C
Boiling temperature:	ca. 100 °C (water)
Flashpoint:	> 100 °C
Ignition temperature:	> 60 °C
Explosion properties:	ca. 1.1g/cm ³
Vapour pressure	23 hPa
Relative vapour density:	> 1 (methacrylates)
Solubility in water:	ca. 50%
Density:	1,1 g/cm ³

10. Stability & Reactivity

Stability :	Avoid Light. heat.
Materials to avoid :	Keep away from strong acids, leachates, heavy metal salts and reducing materials.
Hazardous reactions:	Can be released in case of fire: Gas / vapours, irritant. (Acrylate., pungent)

11. Toxicological Information

Health Warning :	
Skin:	Irritating on prolonged exposure.
Eyes:	Irritating.
Specific effect:	Allergic reaction to methacrylates are possible.

12. Ecological Information

Aquatoxicity LC50: > 360 mg / l / 48h	
Persistence and degradability:	Product is partially biodegradable. 50%
Ecotoxicity:	Do not empty into drains or the aquatic environment. Leakage into the environment must be prevented.

13 Disposal Considerations

Disposal Methods :	Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge. Carry out a burning of hazardous waste according to official regulations.
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14. Transport Information

Not a hazardous material with respect to these transportation regulations.

15. Regulatory Information

Not a hazardous material with respect to these transportation regulations.

Symbols of danger:

Xi - Irritant

R-Phrases:

36/37/38 - 43

Irritating to eyes, respiratory system and skin.

May cause sensitization by skin contact.

S-Phrases:

26 - 28

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

Note: This information is believed to be correct as of the date of this MSDS. The manufacturer makes no representation as to the completeness or accuracy of this information and supplies it on the condition that the person receiving it will make their own determination as to its suitability for their purposes prior to use. In no event will the manufacturer be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.