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n.a. = not applicable, n.k. = not known

1. Identification of the substance/preparation and of the company/undertaking

Product details:

Trade name: **ParaBond Adhesive A**

Manufacturer/Supplier:

Coltène/Whaledent AG
Feldwiesenstrasse 20
9450 Altstätten
Switzerland

Telephone: +41 71 757 53 00

Fax: +41 71 757 53 01

Emergency information:

2. Composition / information on ingredients

Chemical characterization: Bonding for dental filling material

Hazardous components:

Hydroxyethylmethacrylate CAS-no 868-77-9	33 %	Xi, R36/38, 43
Methacrylates	39 %	Xi, R36/37/38
Maleic acid	1.5 %	Xn, R:22-36/37/38
Benzoyl peroxide CAS-No 94-36-0	1.5 %	E, Xi; R3-36/37/38
Ethanol	< 25 %	F, R11

3. Hazards identification

Xi irritant

R36/37/38 Irritating to eyes, respiratory system and skin

R43 may cause sensitization by skin contact

4. First-aid measures

General information: —

After inhalation: —

After skin contact: Wash with soap.

After eye contact: Rinse immediately with plenty of water and seek medical advice

After swallowing —

5. Fire-fighting measures

Extinguishing media: water spray jet, dry powder, foam, carbon dioxide, sand

Unsuitable extinguishing media: —

Protective equipment: —

6. Accidental release measures

Personal precautions: Handle unpolymerized bond with brushes, avoid direct contact with skin

Environmental precautions: Observe local bye-laws

Methods for cleaning up: Wipe off with a towel

7. Handling and storage

Handling:

Follow instructions for use. The product should only be supplied or handled to dentists or dental technicians or upon their instructions.

Storage:

Store in a cold, dry place, avoid exposure to direct sunlight.

8. Exposure controls / personal protection

General: Do not eat, drink or smoke when handling. Avoid contact with eyes or skin.

Wear gloves.

Goggles give full protection.

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9. Physical and chemical properties**Appearance**

Form: viscous liquid

Colour: waterlike

Odour: —

Information on change in the physical state:

Boiling point/boiling range (°C)

n.a.

Flash point (°C)

n.a.

pH

6.5

Ignition temperature

n.a.

Explosion hazard

n.a.

Explosive limits (Vol%), LEL

n.a.

UEL n.a.

Other information

Relative density

1.2 g/ml

Solubility

soluble in ethanol

Vapour pressure

n.a.

Viscosity

n.a.

10. Stability and reactivity

If stored and handled in accordance with manufacturer's instructions for use no hazardous reactions are known.

11. Toxicological information

Toxicological testing according ISO/TR 7405 for bonding agent for dental filling materials showed no hints that health diseases may be expected.

Unpolymerized resin may be irritant to eyes or skin or may cause allergic reactions.

12. Ecological information

Polymerized bonding agent for dental filling materials does not cause disturbances in sewage plants

13. Disposal consideration

Disposal must be made to comply with local laws

14. Transport information**ADR/RID-GGVS/GGVE****IMDG/GGVSea****ICAO-TI; IATA-DGR**

not classified as dangerous goods

15. Regulatory information

medical device according to 93/42/EEC

16. Other information

The above information is based on our present day knowledge and relates solely to the safety requirements of the product. However users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.