

Material Safety Data Sheet

Trade name: **anaxBLEND**

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Version 2

1 Identification of substance:

- **Product details:**
- **Trade name:** anaxBLEND
- **Article number:** 200...
- **Application of the substance / the preparation:** crown and bridge facing material
- **Manufacturer / Supplier:**
anax dent GmbH Olgastrasse 120A D-70180 Stuttgart
Tel. 0049 711 620092.0 Fax 0049 711 620092.29 email: info@anaxdent.com
- **Further information obtainable from:** Mr. Andreas Kopietz

2 Composition / Data on components:

Chemical characterization

- **Description:** Urethandimethacrylate, 1,4 Butandioldimethacrylate,
- **Dangerous components:** void
- **Additional information:** For the wording of the listed risk phrases refer to section 16.

3 Hazard identification

- **Hazard description:** not applicable.
- **Information concerning to particular hazards to man and environment**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:** The classification is according to the latest editions of the EU-lists, end extended by company and literature data.

4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water.
Then consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.

5 Fire fighting measures

- **Suitable extinguishing agents:** Foam, Fire-Extinguishing powder, Water haze, Carbon dioxide.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet.
- **Protective equipment:** Wear self-contained respiratory protective device.

6 Accidental release measures

- **Person-related safety precautions:** Keep away from ignition sources.
- **Measures for environmental protection:** Do not allow to enter sewers/surface or ground water.
- **Measures for cleaning / collecting:** Pick up mechanically.
- **Additional information:** See section 13 for disposal information.

7 Handling and storage

Handling

- **Information for safe handling:** Keep receptacles tightly sealed.
- **Information about fire- and explosion protection:**
Keep away from ignition sources – do not smoke.
Protect against electrostatic charges.

Storage

- **Requirements to be met by storerooms and receptacles:** Close container immediately after use and protect product from light incidence.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Keep receptacle tightly sealed. Protect from heat and direct sunlight.
- **Storage class:** not determined.

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8 Exposure controls and personal protection gear

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used a basis.

Personal protective equipment

- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Avoid contact with the eyes and skin.
Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not required.
- **Protection of hands:** Protective gloves.
- **Material of gloves:** Butyl rubber (BR)
- **Penetration time of glove material:** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.

9 Physical and chemical properties:

- **General information**
Form: pasty
Colour: Different according to colouring.
Odour: Weak, characteristic
- **Change in condition**
Melting point / Melting range: undetermined
- **Flash point:** Not applicable
- **Self-igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density:** 1,54 g/cm³
- **Solubility in / Miscibility with water:** Insoluble
- **Solvent content:**
Organic solvents: 0,0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Materials to be avoided:** In presence of radical formers (e.g.peroxides), deoxidizing substances, and / or heavy metal ions, polymerization with heat release is possible.
- **Dangerous reactions:** Photoreactive. Danger of polymerization.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
Primary irritant effect:
 - on the skin: no irritating effect.
 - on the eye: no irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information:

- **General notes:** Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations

Product:

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- **Recommendation:**

Must be specially treated adhering to official regulations.

European waste catalogue: 08 04 10 | waste adhesives and sealants other than those mentioned in 08 04 09.

- **Uncleaned packaging:**

- **Recommendation:**

Disposal must be made according to official regulations. Packaging that may not be cleansed are to be disposed of in the same manner as the product.

- **Recommended cleansing agents:** Alcohol.

14 Transport information

- Land transport ADR/RID (cross-border)
ADR/RID class: -
- Maritime transport IMDG:
IMDG class: -
Marine pollutant: No.
- Transport / Additional information:

15 Regulations

- **Labelling according to EU guidelines:**

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

- **National regulations:**

- **Technical instructions (air):**

Class	Share in %
III	2,5 - 10

- **Waterhazard class:** Water hazard class 2 (self-assessment): hazardous for water.

16 Other information:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** anax dent GmbH
- **Contact:** Mr. Andreas Kopietz

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals