

## Material Safety Data Sheet

Trade name: **anaxBLEND flow**

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Version 1

<p><b>1 Identification of substance:</b></p> <ul style="list-style-type: none"> <li>• <b>Product details:</b></li> <li>• <b>Trade name:</b> <u>anaxBLEND flow</u></li> <li>• <b>Article number:</b> 202...</li> <li>• <b>Application of the substance / the preparation:</b> crown and bridge facing material</li> <li>• <b>Manufacturer / Supplier:</b> anax dent GmbH Olgastrasse 120A D-70180 Stuttgart Tel. 0049 711 620092.0 Fax 0049 711 620092.29 email: info@anaxdent.com</li> <li>• <b>Further information obtainable from:</b> Mr. Andreas Kopietz</li> </ul>
<p><b>2 Composition / Data on components:</b></p> <p><b>Chemical characterization</b></p> <ul style="list-style-type: none"> <li>• <b>Description:</b> Urethandimethacrylate, 1,4 Butandioldimethacrylate,</li> <li>• <b>Dangerous components:</b> void</li> <li>• <b>Additional information:</b> For the wording of the listed risk phrases refer to section 16.</li> </ul>
<p><b>3 Hazard identification</b></p> <ul style="list-style-type: none"> <li>• <b>Hazard description:</b> not applicable.</li> <li>• <b>Information concerning to particular hazards to man and environment</b> 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.</li> <li>• <b>Classification system</b> The classification is according to the latest editions of the EU-lists, end extended by company and literature data.</li> </ul>
<p><b>4 First aid measures</b></p> <ul style="list-style-type: none"> <li>• <b>General information:</b> No special measures required.</li> <li>• <b>After inhalation:</b> Supply fresh air; consult doctor in case of complaints.</li> <li>• <b>After skin contact:</b> If skin irritation continues, consult a doctor.</li> <li>• <b>After eye contact:</b> Rinse opened eye for several minutes under running water.</li> <li>• <b>After swallowing:</b> If symptoms persist consult a doctor.</li> </ul>
<p><b>5 Fire fighting measures</b></p> <ul style="list-style-type: none"> <li>• <b>Suitable extinguishing agents:</b> Foam, Fire-Extinguishing powder, Water haze, Carbon dioxide.</li> <li>• <b>Protective equipment:</b> No special measures required.</li> </ul>
<p><b>6 Accidental release measures</b></p> <ul style="list-style-type: none"> <li>• <b>Person-related safety precautions:</b> Not required.</li> <li>• <b>Measures for environmental protection:</b> Do not allow to enter sewers/surface or ground water.</li> <li>• <b>Measures for cleaning / collecting:</b> Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).</li> <li>• <b>Additional information:</b> See section 13 for disposal information. No dangerous substances are released.</li> </ul>
<p><b>7 Handling and storage</b></p> <p><b>Handling</b></p> <ul style="list-style-type: none"> <li>• <b>Information for safe handling:</b> Keep receptacles tightly sealed.</li> <li>• <b>Information about fire- and explosion protection:</b> No special measures required.</li> </ul> <p><b>Storage</b></p> <ul style="list-style-type: none"> <li>• <b>Requirements to be met by storerooms and receptacles:</b> Close container immediately after use and protect product from light incidence.</li> <li>• <b>Information about storage in one common storage facility:</b> Store away from foodstuffs.</li> <li>• <b>Further information about storage conditions:</b> None.</li> <li>• <b>Storage class:</b> not determined.</li> </ul>

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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 as a basis.

### Personal protective equipment

- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **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:** Goggles recommended during refilling.

## 9 Physical and chemical properties:

- **General information**

Form:	viscous
Colour:	Different according to colouring.
Odour:	Weak, characteristic
- **Change in condition**

Melting point / Melting range:	undetermined
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- **Boiling point/Boiling range:** 251°C
- **Flash point:** 113°C
- **Ignition temperature:** 370°C
- **Self-igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density:** not determined
- **Solubility in / Miscibility with water:** Not miscible or difficult to mix.
- **Solvent content:**

Organic solvents:	0,0 %
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## 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:**  
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.  
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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<p><b>12 Ecological information:</b></p> <ul style="list-style-type: none"><li>• <b>General notes:</b> Water hazard class 2 (German Regulation)(Self-assessment): hazardous for water. Do not allow product to reach ground water, water course or sewage system.</li></ul>				
<p><b>13 Disposal considerations</b></p> <p><b>Product:</b></p> <ul style="list-style-type: none"><li>• <b>Recommendation:</b> After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste. European waste catalogue: 08 04 10   waste adhesives and sealants other than those mentioned in 08 04 09.</li></ul> <p><b>Uncleaned packaging</b></p> <ul style="list-style-type: none"><li>• <b>Recommendation:</b> Packagings that may not be cleansed are to be disposed of in the same manner as the product.</li><li>• <b>Recommended cleansing agents:</b> Alcohol.</li></ul>				
<p><b>14 Transport information</b></p> <ul style="list-style-type: none"><li>• Land transport ADR/RID (cross-border) ADR/RID class: -</li><li>• Maritime transport IMDG: IMDG class: - Marine pollutant: No.</li><li>• Transport / Additional information:</li></ul>				
<p><b>15 Regulations</b></p> <ul style="list-style-type: none"><li>• <b>Labelling according to EU guidelines:</b> Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).</li><li>• <b>National regulations:</b></li><li>• <b>Technical instructions (air):</b></li></ul> <table border="1"><tr><td>Class</td><td>Share in %</td></tr><tr><td>III</td><td>10-25</td></tr></table> <ul style="list-style-type: none"><li>• <b>Waterhazard class:</b> Water hazard class 2 (self-assessment): hazardous for water.</li></ul>	Class	Share in %	III	10-25
Class	Share in %			
III	10-25			
<p><b>16 Other information:</b></p> <p>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.</p> <ul style="list-style-type: none"><li>• <b>Department issuing MSDS:</b> anax dent GmbH</li><li>• <b>Contact:</b> Mr. Andreas Kopietz</li><li>• <b>Abbreviations and acronyms:</b> 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 LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent</li></ul>				