

**Material Safety Data Sheet****Trade name: anaxGUM**

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Version 1

<b>1 Identification of substance:</b> <ul style="list-style-type: none"><li>• Product details:</li><li>• Trade name: <u>anaxGUM</u></li><li>• Article number: 25...</li><li>• Application of the substance / the preparation: facing material for the gingival area</li><li>• Manufacturer / Supplier: anax dent GmbH Olgastrasse 120A D-70180 Stuttgart Tel. 0049 711 620092.0 Fax 0049 711 620092.29</li><li>• Further information obtainable from: Mr. Andreas Kopietz</li></ul>
<b>2 Composition / Data on components:</b> <p>Chemical characterization</p> <ul style="list-style-type: none"><li>• Description: Urethandimethacrylate, 1,4 Butandioldimethacrylate</li><li>• Dangerous components: void</li><li>• Additional information: For the wording of the listed risk phrases refer to section 16.</li></ul>
<b>3 Hazard identification</b> <ul style="list-style-type: none"><li>• Hazard description: not applicable.</li><li>• 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.</li><li>• Classification system The classification is according to the latest editions of the EU-lists, end extended by company and literature data.</li></ul>
<b>4 First aid measures</b> <ul style="list-style-type: none"><li>• General information: No special measures required.</li><li>• After inhalation: Supply fresh air; consult doctor in case of complaints.</li><li>• After skin contact: Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.</li><li>• After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.</li><li>• After swallowing: Do not induce vomiting; call for medical help immediately.</li></ul>
<b>5 Fire fighting measures</b> <ul style="list-style-type: none"><li>• Suitable extinguishing agents Foam, Fire-Extinguishing powder, Water haze, Carbon dioxide.</li><li>• For safety reasons unsuitable extinguishing agents: Water with full jet.</li><li>• Protective equipment: Wear self-contained respiratory protective device.</li></ul>
<b>6 Accidental release measures</b> <ul style="list-style-type: none"><li>• Person-related safety precautions: Keep away from ignition sources.</li><li>• Measures for environmental protection: Do not allow to enter sewers/surface or</li></ul>

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<p>ground water.</p> <ul style="list-style-type: none"><li>• Measures for cleaning / collecting: Pick up mechanically.</li><li>• Additional information: See section 13 for disposal information.</li></ul>
<p>7 Handling and storage</p> <p>Handling</p> <ul style="list-style-type: none"><li>• Information for safe handling: Keep receptacles tightly sealed.</li><li>• Information about fire- and explosion protection: Keep away from ignition sources – do not smoke. Protect against electrostatic charges.</li></ul> <p>Storage</p> <ul style="list-style-type: none"><li>• Requirements to be met by storerooms and receptacles: Close container immediately after use and protect product from light incidence.</li><li>• Information about storage in one common storage facility: Store away from foodstuffs.</li><li>• Further information about storage conditions: Keep receptacle tightly sealed. Protect from heat and direct sunlight.</li><li>• Storage class: not determined.</li></ul>
<p>8 Exposure controls and personal protection gear</p> <ul style="list-style-type: none"><li>• Additional information about design of technical facilities: No further data; see item 7.</li><li>• 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.</li><li>• Additional information: The lists valid during the making were used a basis.</li></ul> <p>Personal protective equipment</p> <ul style="list-style-type: none"><li>• 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.</li><li>• Respiratory protection: Not required.</li><li>• Protection of hands: Protective gloves.</li><li>• Material of gloves: Butyl rubber (BR)</li><li>• 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.</li><li>• Eye protection: Not required.</li></ul>
<p>9 Physical and chemical properties:</p> <ul style="list-style-type: none"><li>• General information Form: pasty Colour: Different according to colouring. Odour: Weak, characteristic</li><li>• Change in condition Melting point / Melting range: undetermined</li></ul>

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<ul style="list-style-type: none"><li>• Flash point: Not applicable</li><li>• Self-igniting: Product is not self-igniting.</li><li>• Danger of explosion: Product does not present an explosion hazard.</li><li>• Density: 1,54 g/cm<sup>3</sup></li><li>• Solubility in / Miscibility with water: Insoluble</li><li>• Solvent content: Organic solvents: 0,0 %</li></ul>
<p>10 Stability and reactivity</p> <ul style="list-style-type: none"><li>• Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.</li><li>• 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.</li><li>• Dangerous reactions: Photoreactive. Danger of polymerization.</li><li>• Dangerous decomposition products: No dangerous decomposition products known.</li></ul>
<p>11 Toxicological information</p> <ul style="list-style-type: none"><li>• Acute toxicity: Primary irritant effect:<ul style="list-style-type: none"><li>• on the skin: no irritating effect.</li><li>• on the eye: no irritating effect.</li></ul></li><li>• Sensitization: No sensitizing effects known.</li><li>• 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.</li></ul>
<p>12 Ecological information:</p> <ul style="list-style-type: none"><li>• General notes: Do not allow product to reach ground water, water course or sewage system.</li></ul>
<p>13 Disposal considerations</p> <p>Product:</p> <ul style="list-style-type: none"><li>• 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.</li></ul> <p>Uncleaned packaging</p> <ul style="list-style-type: none"><li>• 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.</li><li>• Recommended cleansing agents: Alcohol.</li></ul>
<p>14 Transport information</p> <ul style="list-style-type: none"><li>• Land transport ADR/RID (cross-border) ADR/RID class: -</li><li>• Maritime transport IMDG: IMDG class: -</li></ul>

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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): <table border="1"><thead><tr><th>Class</th><th>Share in %</th></tr></thead><tbody><tr><td>III</td><td>2,5 - 10</td></tr></tbody></table> • Waterhazard class: Water hazard class 2 (self-assessment): hazardous for water.	Class	Share in %	III	2,5 - 10
Class	Share in %			
III	2,5 - 10			
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				