

## Material Safety Data Sheet According to 91/155 EC

Trade name: **MATRIX Flow 70 clear 2x50 ml (B)**

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Version 1

<p><b>1 Identification of substance:</b></p> <ul style="list-style-type: none"> <li>• Product details:</li> <li>• Trade name: <u>MATRIX Flow 70 clear 2x50ml (B)</u></li> <li>• Article number: 72007070</li> <li>• Application of the substance / the preparation: use for fabrication of dental bite patterns</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>
<p><b>2 Composition / Data on components:</b></p> <p>Chemical characterization</p> <ul style="list-style-type: none"> <li>• Description: polymethyldisiloxane with vinyl side chains and inert groups</li> <li>• Dangerous components: not applicable</li> <li>• Additional information: not applicable</li> </ul>
<p><b>3 Hazard identification</b></p> <ul style="list-style-type: none"> <li>• Hazard description: Direct contact may cause a slight irritation of the eyes.</li> <li>• Specific risks: The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations in the EU" in the latest valid version. The product does not contain hazard specifying contents, which are listed in section 2 with the particular concentration in the sense of EU Guideline 1907/2006. Considering the advised disposal considerations (see pt. 13) and the local / national regulatory directives, there are no environmental / ecological problems to be expected.</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>
<p><b>4 First aid measures</b></p> <ul style="list-style-type: none"> <li>• General information:</li> <li>• After inhalation: No special measures required.</li> <li>• After skin contact: Dry with an absorbent and soft cloth, then wash with water and soap.</li> <li>• After eye contact: Rinse opened eye immediately for ca. 15 minutes under running water.</li> <li>• After swallowing: Consult a doctor immediately. If the concerned person is conscious, do not allow to eat or drink sth. before it is medically allowed/advised.</li> <li>• Clothing: No special measures required.</li> </ul>
<p><b>5 Fire fighting measures</b></p> <ul style="list-style-type: none"> <li>• Suitable extinguishing agents Foam, fire extinguishing powder, water spray, CO<sup>2</sup>.</li> <li>• For safety reasons unsuitable extinguishing agents: not known.</li> <li>• Protective equipment: Wear self-contained breathing apparatus.</li> </ul>

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<ul style="list-style-type: none"><li>• Additional measures: Cool down endangered containers with water spray out of harm's way.</li></ul>						
<p>6 Accidental release measures</p> <ul style="list-style-type: none"><li>• Measures for cleaning / collecting: Pick up mechanically in a suitable container and dispose of adhering to the regulatory devices. Use suitable emulsifying solvent.</li><li>• Disposal: Small amounts of the product can be disposed of with the normal consumer waste.</li></ul>						
<p>7 Handling and storage</p> <p>Handling</p> <ul style="list-style-type: none"><li>• Information for safe handling: No special measures required.</li><li>• Do not eat, drink or smoke during work. Before breaks and at the end of work, wash hands thoroughly with water and soap.</li></ul> <p>Storage</p> <ul style="list-style-type: none"><li>• Requirements to be met by storerooms and receptacles: Packaging material: steel covered with plastic material (polyethylene and polypropylene)</li><li>• Unsuitable substances: heavy oxidizers.</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:</li><li>• Ingredients with limit values that require monitoring at the workplace: Not applicable.</li><li>• Additional information:</li></ul> <p>Personal protective equipment</p> <ul style="list-style-type: none"><li>• General protective and hygienic measures: Adhere to the common professional hygiene and safety measures when handling chemicals.</li><li>• Protection of hands: not applicable.</li><li>• Eye protection: Not required if applied in the usual way.</li><li>• Limit value monitoring (USA/ACGIH): TLV (TWA) 0,1 mg/m<sup>3</sup> (for platinum)</li></ul>						
<p>9 Physical and chemical properties:</p> <ul style="list-style-type: none"><li>• General information</li></ul> <table><tr><td>Aggregate state:</td><td>fluid</td></tr><tr><td>Colour:</td><td>transparent</td></tr><tr><td>Odour:</td><td>odourless</td></tr></table> <ul style="list-style-type: none"><li>• Flash point: ▶200°C (closed container according to ASTM D-56-norm)</li><li>• Ignition temperature: ▶400°C</li><li>• Density: 1,41 g/cm<sup>3</sup> at 20°C</li><li>• Solubility in / Miscibility with water: not soluble</li><li>• Miscibility with organic Solvents: (partial) miscible in chlorine ether – hydrocarbons, alpha-aromatic hydrocarbons (toluol,</li></ul>	Aggregate state:	fluid	Colour:	transparent	Odour:	odourless
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<ul style="list-style-type: none"><li>• Viscosity:</li></ul>	xylene), chloric solvents. ca. 150 Pas.
<b>10 Stability and reactivity</b> <ul style="list-style-type: none"><li>• Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications and at room temperature.</li><li>• Materials to be avoided: heavy oxidizers.</li><li>• Dangerous reactions or decomposition products: not known.</li></ul>	
<b>11 Toxicological information</b> <ul style="list-style-type: none"><li>• Acute toxicity: DL 50 dermal (rat) &gt;2000mg/kg DL 50 oral (rat) &gt; 2000mg/kg Known effect from other similar products. Primary irritant effect:<ul style="list-style-type: none"><li>• on the skin: not irritating</li><li>• on the eye: not irritating</li></ul></li><li>• Sensitization: No sensitizing effects known.</li><li>• Practical experience: We are not in receipt of toxicological informations about the product or individual components. Use the preparation in accordance to the usual hygiene- and precautionary measures. There is no suspect of toxicological problems when proper handled and used according to the application.</li></ul>	
<b>12 Ecological information:</b> <ul style="list-style-type: none"><li>• General notes: Use the preparation in accordance to the usual hygiene- and precautionary measures. Lead the consumed product to proper disposal.</li><li>• Do not allow to enter drains, water or sewage system.</li><li>• Persistence and decomposability: biological persistent.</li><li>• Bioaccumulation potential: low bioaccumulation potential.</li><li>• Product disposal: deposit and soil.</li></ul>	
<b>13 Disposal considerations</b> <p>Product:</p> <ul style="list-style-type: none"><li>• Recommendation: Uncatalyzed product: Dispose of adhering to the official regulations at a waste deposit. Catalyzed product: A modicum is allowed to be disposed of with the normal consumer waste.</li><li>• Do not allow to enter drains, water or sewage system.</li></ul> <p>Uncleaned packaging</p> <ul style="list-style-type: none"><li>• Recommendation: Remove remains mechanically or drip off liquid leftovers thoroughly. Then dispose of adhering to the official regulations.</li></ul>	
<b>14 Transport information</b> <ul style="list-style-type: none"><li>• Land transport ADR/RID (cross-border) ADR/RID class: -</li></ul>	

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- Maritime transport IMDG:  
IMDG class: -  
Marine pollutant: No.

**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).
- When handling chemicals, adhere to the usual hygiene- and precautionary measures
- Waterhazard class: water hazard class 1 (self-assessment): slightly 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.

The consumer is solely responsible for product appliance, if it should differ from the stated range. As it is possible that the product is used in multi-purpose use far beyond our knowledge, we do not assume liability and responsibility for other special applications than those mentioned in our MSDS or instructions for use. Despite of the terms of this MSDS, consumers have to assure themselves that the characterized product is suited for their individual intended purpose and that the safety appliance and the advices concerning environmental protection apply to their individual purpose and in their situation.

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