

Material Safety Data Sheet According to 91/155 EC

Trade name: Matrix Form

Printing date 19.11.2003

Version 1

<p>1 Identification of substance:</p> <ul style="list-style-type: none"> • Product details: • Trade name: <u>Matrix Form</u> • Article number: 72006... • Application of the substance / the preparation: • Manufacturer / Supplier: anax dent GmbH Olgastrasse 120A D-70180 Stuttgart Phone 0049 711 620092.0 Fax 0049 711 620092.29 • Further information obtainable from: Andreas Kopietz
<p>2 Composition / Data on components: Chemical characterization</p> <ul style="list-style-type: none"> • Description: Polyorganosiloxanes and inert mineral fillers • Dangerous components: none.
<p>3 Hazard identification</p> <ul style="list-style-type: none"> • Adverse human health effects: Slightly irritating to eyes. • Physical and chemical hazards Fire or explosion: Combustible solid • Environmental effects: Presents no particular risk to the environment, provided the disposal requirements (see section 13) and national or local regulations are complied with. • Further hazards: No specific hazard under normal conditions of use. <p>Classification/specific hazards: According to EEC criteria, this product is not Classified as a "hazardous preparation".</p>
<p>4 First aid measures</p> <ul style="list-style-type: none"> • After inhalation: Not specifically applicable. • After skin contact: Wipe off as much as possible (using a clean, soft, absorbent material). Wash with soap and water. • After eye contact: Rinse with water whilst keeping the eyes wide open. • Ingestion: Consult a doctor if necessary. Never attempt to induce vomiting.
<p>5 Fire fighting measures</p> <ul style="list-style-type: none"> • Extinguishing media Suitable: Water spray; Foam; Powders; Carbon dioxide (CO₂) Not suitable: None to our knowledge. If there is a fire close by, use suitable extinguishing agents. • Specific hazards: Combustible. • During combustion: Toxic gases or vapours are released. • Specific fire fighting methods: Cool down the containers / equipment exposed to heat with a water spray. • Protective equipment: Self-contained breathing apparatus.

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6 Accidental release measures

- Personal precautions / protective equipment: appropriate gloves.
- Environmental precautions: this product does not present any particular risk for the environment.
- Methods for cleaning up:
 - Recovery: collect up the product and place it in a spare container: suitably labelled.
 - Cleaning / Decontamination: Then wash with plenty of water. Decontaminate and wash the floor with an appropriate self-emulsifying solvent.
 - Keep the recovered product for subsequent disposal.
- Disposal: dispose of materials or solid residues at an authorized site.

7 Handling and storage

Handling

- Technical measures: does not require any specific or particular measures.
- Safe handling advice: comply with instructions for use.

Storage

- Technical measures: does not require any specific or particular technical measures.
- Recommended storage conditions: stable under normal storage conditions.
- Incompatible products: strong oxidizing agents.

Packaging

- Steel drums varnished with epicote; plastic container; coated steels; plastic materials (polyethylene polypropylene).

8 Exposure controls and personal protection

- Technical controls: respect the normal industrial hygiene precautions
- Personal protective equipment:
 - General protective measures and general health regulations:
 - Hygiene measures: Do NOT drink, eat or smoke in the workplace.
 - Eye protection: Recommended safety glasses.

9 Physical and chemical properties:

- Appearance
 - Physical state: Viscous paste.
 - Colour: blue
 - Odour: none
- Decomposition temperature: ▶ 200°C
- Flammability characteristics
 - Flash point: ▶200°C (Closed cup, according to method ASTM D-56)
 - Auto-ignition temperature: ▶400°C (Spontaneous ignition temperature).
- Oxidizing properties: Non oxidizing material according to EEC criteria.
- Vapour pressure: ◀ 0,01 kPa at 20°C
- Specific gravity: 1,9 g/cm³ at 25°C
- Solubility in water: practically insoluble

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Solubility in organic solvents:	Dispersible (partial solubilisation) in: Diethylether; chlorinated solvents; aromatic hydrocarbons (toluene, xylene); aliphatic hydrocarbons.
10 Stability and reactivity <ul style="list-style-type: none">• Stability: stable at room temperature.• Hazardous reactions: Materials to avoid: strong oxidizing agents. Hazardous decomposition products: on combustion or on thermal decomposition (pyrolysis) releases: flammable vapours which may generate fire or explosion hazards (Carbon oxides (CO + CO ₂)).	
11 Toxicological information <ul style="list-style-type: none">• Local effects: not irritating when applied to the skin of a guinea pig• Acute toxicity:<ul style="list-style-type: none">• LD 50 skin (Rat): >2000mg/kg• LD 50 oral (Rat): >2000mg/kg	
12 Ecological information: <ul style="list-style-type: none">• Ecotoxicity: Effects on the aquatic environment: no specific information available, however, by analogy, this product is not considered to present any particular risk to the aquatic environment.• Ultimate destination of the product: soil and sediment• Biodegradability: Ultimate aerobic biodegradability: not biodegradable.	
13 Disposal considerations <ul style="list-style-type: none">• Waste from residues: destructions/disposal: dilute with a flammable solvent and incinerate at a licensed installation. Un-vulcanized product: dispose of at licensed waste collection point. Vulcanized product: may be disposed of with non hazardous industrial waste. Prohibition: do not allow the product to be released into the environment.• Contaminated packaging Decontamination/cleaning: scrape or drain carefully Destruction/Disposal: entrust the thoroughly decontaminated packaging to a licensed waste-contractor. Dispose of at an approved site. Note: The user's attention is drawn to the possible existence of local regulations regarding disposal.	
14 Transport information <ul style="list-style-type: none">• International regulations<ul style="list-style-type: none">- Rail/road (RID/ADR) NOT restricted.- Sea (IMO/IMDG): NOT restricted.- Air (ICAO-IATA): NOT restricted. Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.	

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15 Regulatory information

- Labelling: EEC regulations: Mandatory labelling (self-classification) of hazardous preparations: not applicable.
- Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the Safety Data Sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16 Other information:

Recommended uses: (For further information, refer to the product technical data sheet).

- Guidance on application technology is based on the best knowledge of the current state of technology in dental field.
Application and use of the product are subject to the responsibility of the user. Our liability for damages is restricted to the value of the product delivered by us and employed by the user. We guarantee the impeccable quality of our products within our conditions of sale and delivery.
- Department issuing MSDS: anax dent GmbH
- Contact: Mr. Andreas Kopietz