

Material Safety Data Sheet According to 91/155 EC

Trade name: **MATRIX Form 60 A+B**

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Version 1

1 Identification of substance:




- Product details:
- Trade name: MATRIX Form 60 A+B
- Article number: 72006060
- Application of the substance / the preparation: silicon mass for dental impressions
- Manufacturer / Supplier:
anax dent GmbH Olgastrasse 120A D-70180 Stuttgart
Tel. 0049 711 620092.0 Fax 0049 711 620092.29
- Further information obtainable from: Mr. Andreas Kopietz

2 Composition / Data on components:

Chemical characterization

Description:

- Dangerous components:

Component	Content (C)	Indication of danger
quarz CAS-Nr. 14808-60-7 EINECS-Nr. 238-878-4	5 ≤ C ≤ 6	 Xn harmful to health; R 48/20
tridymite CAS-Nr. 15468-32-3 EINECS-Nr. 239-487-1	5 ≤ C ≤ 6	 Xn harmful to health; R 48/20
cristobalite CAS-Nr. 14464-46-1	5 ≤ C ≤ 6	 Xn harmful to health; R 48/20

- Additional information for the wording of the listed risk phrases refer to section 16.

3 Hazard identification

- Hazard description: 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.
- 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:
- After inhalation: Supply fresh air immediately; consult doctor in case of complaints.
- After skin contact: Wash concerned skin under running water. Remove contaminated clothes. Wash contaminated clothes before wearing. If skin irritation continues, consult a doctor.
- After eye contact: Rinse opened eye immediately for at least 15 minutes under running water. Then consult a doctor.

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- After swallowing: Consult a doctor immediately and specify the exact product components. Induce vomiting only after medical advice. If the concerned person is conscious, do not allow to eat or drink sth. before it is medically allowed/advised.
- Clothing: Remove contaminated clothes, wash contaminated clothes before wearing.

5 Fire fighting measures

- Suitable extinguishing agents
Foam, fire extinguishing powder, water spray, CO².
- For safety reasons unsuitable extinguishing agents: not known.
- Protective equipment: To avoid eye- and skin contact during fire-fighting, wear adequate protective equipment. Wear self-contained breathing apparatus.
- Additional measures: Cool down surrounding containers immediately, to avoid decomposition of the product and release of unhealthy combustion products.

6 Accidental release measures

- Measures for cleaning / collecting: Pick up mechanically and dispose of adhering to the regulatory devices. Spray the product with water to avoid disposal of product dust.

7 Handling and storage

Handling

- Information for safe handling: The staff is recommended to wear adequate protective equipment when using the product (see point 8). Make sure that the whole staff adhere to the precautionary measures.
- Close container immediately after drawing.
- Do not eat, drink or smoke during work. Before breaks and at the end of work, wash hands thoroughly with water and soap. Wash working clothes separately and store separate.
- Information about fire- and explosion protection: Keep away from fire, ignition- and heat sources, do not smoke.

Storage

- Requirements to be met by storerooms and receptacles:
Store in well ventilated places. Do not store in direct sunlight. Keep cooling equipment nearby to fight fires caused by heating up and overpressure.

8 Exposure controls and personal protection gear

- Additional information about design of technical facilities:
- Ingredients with limit values that require monitoring at the workplace:

Description	Type	Limit value	TWA/8h ppm	STEL/15 Min.ppm
quartz	TLV-ACGIH	0,05 mg/m ³		mg/m ³

- Additional information:

Personal protective equipment

- General protective and hygienic measures: To control exposition as far as possible, use adequate protective equipment for the points of handling. Ensure

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<p>precautionary measures. There is no suspect of toxicological problems when proper handled and used according to the application.</p>
<p>12 Ecological information:</p> <ul style="list-style-type: none">• Behaviour in environmental systems:• General notes: Use the preparation in accordance to the usual hygiene- and precautionary measures. Lead the consumed product to proper disposal.• Do not allow to enter drains, water , sewage system or soil. In case of accidental release, inform the according administration immediately.
<p>13 Disposal considerations</p> <p>Product:</p> <ul style="list-style-type: none">• Recommendation: Carry the product adhering to official regulations to an incinerator. Neutralize before disposal in case of alcalic or acidic product contents. Stable waste or emptied and cleaned containers are to be disposed of adhering to the official regulations at a waste deposit. Do not allow to enter drains, water , sewage system or soil. <p>Uncleaned packaging</p> <ul style="list-style-type: none">• Recommendation: For proper disposal of uncleaned packaging, please adhere to local directives.
<p>14 Transport information</p> <ul style="list-style-type: none">• Land transport ADR/RID (cross-border) ADR/RID class: -• Maritime transport IMDG: IMDG class: - Marine pollutant: No.
<p>15 Regulations</p> <ul style="list-style-type: none">• 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:• Waterhazard class: water hazard class 0 (self-assessment): not hazardous for water.
<p>16 Other information:</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> <p>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.</p> <p>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</p>

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their individual purpose and in their situation.

- Relevant R-phrases:
R 48/20 harmful to health: Danger of serious damage to health by prolonged exposure through inhalation.
- Department issuing MSDS: anax dent GmbH
- Contact: Mr. Andreas Kopietz