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\* **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

Trade name: **MATRIX Flow 70 clear & FORTE**

Article number: **72007070/72007071**

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

**Uses of the substance or mixture:**

Dental impression material

**Uses advised against:**

No further relevant information available.

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer/Supplier**

anaxdent GmbH

**Street/P.O Box**

Olgastr. 120a

**Post code/City**

DE-70180 Stuttgart, Germany

**Informing department**

Anwendungstechnik Telefon +49-711-62002-0

**Telephone / Fax / E-Mail**

+49-711-62002-0 / +49-711-62002-29 / E-Mail: info@anaxdent.com

**1.4 Emergency telephone number**

+49-711-62002-0, akopietz@anaxdent.com

\* **SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

**2.2 Label elements**

**Labelling according to Regulation (EC) No 1272/2008**

Void

**Hazard pictograms:** Void

**Signal word:** Void

**Hazard statements:**

Void

**2.3 Other hazards**

**Results of PBT and vPvB assessment**

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- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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### **SECTION 3: Composition/information on ingredients**

#### **3.2 Chemical characterisation: Mixtures**

**Description:** 2-component silicone impression material comprising base paste and matching catalyst paste for addition curing

**Dangerous components:** Void

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

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#### \* **SECTION 4: First aid measures**

##### **4.1 Description of first aid measures**

**General information**

No special measures required.

**After inhalation**

Supply fresh air; consult doctor in case of symptoms.

**After skin contact**

Instantly wash with water and soap and rinse thoroughly.

**After eye contact**

Rinse opened eye for several minutes under running water.

**After swallowing**

Rinse out mouth and then drink plenty of water. In case of persistent symptoms consult doctor. Seek immediate medical advice.

##### **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

##### **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

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#### \* **SECTION 5: Firefighting measures**

##### **5.1 Extinguishing media**

Suitable extinguishing agents: CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Not suitable: -

##### **5.2 Special hazards arising from the substance or mixture**

No further relevant information available.

##### **5.3 Advice for firefighters**

Protective equipment: No special measures required.

Additional information: -

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#### \* **SECTION 6: Accidental release measures**

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## 6.1 Personal precautions, protective equipment and emergency procedures

Not required.

## 6.2 Environmental precautions

No special measures required.

## 6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (diatomite, universal binders, for small amounts tissues).

## 6.4 Reference to other sections

See Section 13 for information on disposal.

See Section 8 for information on personal protection equipment.

## \* **SECTION 7: Handling and storage**

### 7.1 Precautions for safe handling

No special measures required.

#### **Information about protection against explosions and fires**

No special measures required.

### 7.2 Conditions for safe storage, including any incompatibilities

**Requirements to be met by storerooms and containers:** No special requirements.

**Information about storage in one common storage facility:** Not required

**Further information about storage conditions:** None

### 7.3 Specific end use(s)

No further relevant information available.

## \* **SECTION 8: Exposure controls/personal protection**

### **Additional information about design of technical systems:**

No further data; see item 7.

### 8.1 Control parameters

#### **Components with critical values that require monitoring at the workplace:**

Component: Calcium carbonate; CAS no. : 1317-65-3

Specification : OES()

Value : Long-term value: 10\* 4\*\* mg/m<sup>3</sup>  
\*total inhalable dust \*\*respirable dust

**Additional information:** The lists that were valid during the compilation were used as basis.

### 8.2 Exposure controls

#### **Personal protective equipment**

#### **General protective and hygienic measures**

The usual precautionary measures should be adhered to in handling the chemicals.

#### **Eye protection**

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not absolutely necessary.

## Protection of hands

Check protective gloves prior to each use for their proper condition.  
 recommended

### Gloves

#### Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### 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.

#### For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Butyl rubber, BR  
 Nitrile rubber, NBR

### Body protection:

Light weight protective clothing

## Breathing equipment

Not required.

## \* **SECTION 9: Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

#### General Information

- Appearance / Form:	Pasty
- Colour :	According to product description
Smell:	Odourless
Odour threshold:	Not determined.
pH value :	Not applicable.
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
Flash point:	Not applicable
Inflammability (solid, gaseous):	Not applicable.
Critical values for inflammability explosion:	Not determined.
Steam pressure:	Not determined.
Steam density :	Not determined.
Relative density:	1,6 g/cm <sup>3</sup> @ 20 °C
Solubility in / Miscibility with:	Not miscible or difficult to mix
Partition coefficient (n-octanol/water):	Not determined.
Self-inflammability:	Product is not selfigniting.
Decomposition temperature:	Not determined.
Viscosity:	Not determined.
Danger of explosion:	Product is not explosive.

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## **9.2 Other information**

No further relevant information available.

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## **\* SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

No further relevant information available.

### **10.2 Chemical stability**

Conditions to be avoided:

No decomposition if used and stored according to specifications.

### **10.3 Possibility of hazardous reactions**

No dangerous reactions known.

### **10.4 Conditions to avoid**

No further relevant information available.

### **10.5 Incompatible materials**

No further relevant information available.

### **10.6 Hazardous decomposition products**

None

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## **\* SECTION 11: Toxicological information**

### **11.1 Information on toxicological effects**

#### **Acute toxicity**

Based on available data, the classification criteria are not met.

#### **Skin corrosion/irritation**

Based on available data, the classification criteria are not met.

#### **Serious eye damage/irritation**

Based on available data, the classification criteria are not met.

#### **Respiratory or skin sensitisation**

Based on available data, the classification criteria are not met.

#### **Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

#### **Carcinogenicity**

Based on available data, the classification criteria are not met.

#### **Reproductive toxicity**

Based on available data, the classification criteria are not met.

#### **STOT-single exposure**

Based on available data, the classification criteria are not met.

#### **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

#### **Aspiration hazard**

Based on available data, the classification criteria are not met.

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## **\* SECTION 12: Ecological information**

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**12.1 Toxicity**

Aquatic toxicity: No further relevant information available.

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**Additional ecological information:**

· General notes: Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects**

No further relevant information available.

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\* **SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

Recommendation: Small quantities can be polymerized with the matching system component(s) and the cured solid material can be disposed of with the regular garbage. Larger quantities must be disposed of following the regulations of the local authorities.

**Uncleaned packagings**

Disposal must be made according to official regulations.

**European waste catalogue**

18 01 06 chemicals consisting of or containing dangerous substances

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\* **SECTION 14: Transport information**

**14.1 UN Number**

**ADR, ADN, IMDG, IATA:** Void

**14.2 UN proper shipping name**

**ADR, ADN, IMDG, IATA:** Void

**14.3 Transport hazard class(es)**

**ADR, ADN, IMDG, IATA:** Void

**14.4 Packing group**

**ADR, IMDG, IATA:** Void

**14.5 Environmental hazards**

Marine Pollutant: ☐ yes / ☒ no

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**14.6 Special precautions for user**

Not applicable.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

Transport/Additional information: -  
UN "Model Regulation": Void

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\* **SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No further relevant information available.

**15.2 Chemical safety assessment**

A Chemical Safety Assessment has not been carried out.

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**SECTION 16: Other information**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Changes compared to the previous version**

\* Data compared to the previous version altered

**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

**Wording of hazard phrases and precautionary phrases listed in Sections 2 to 15**

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