

Material Safety Data Sheet Cover-Sheet – This page provides additional New Zealand specific information for this product and must be read in conjunction with the Safety Data Sheet (SDS) attached

Product Name: Matrix Flow 70 clear

Manufacturer: Anax dent GmbH

SDS Expiry: 25 April 2028

Supplier Details: Pacific Dental Specialties Ltd (DDD Printers)  
2/88 Ford Road, Onekawa, Napier 4110  
PO Box 12238, Ahuriri, Napier 4144  
Ph. 0800 725 245  
[www.pacificspecialties.co.nz](http://www.pacificspecialties.co.nz)

Emergency Contacts: Poisons/Hazardous Chemical Info Centre –  
0800POISON/0800764766 (24 Hours)  
Phone 111 for Fire, Ambulance or Police

HSNO Class/Category: Non-Hazardous

HSNO Group Standard: Non-Hazardous

Statements/Pictograms: As per attached Safety Data Sheet (SDS)

Date Prepared: This coversheet was prepared – October 2023

This SDS coversheet has been produced by Pacific Dental Specialties and has been prepared in accordance with NZ EPA advice on making overseas SDS compliant to HSNO Act. The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specifications of the product. Users must satisfy that the product is entirely suitable for their purpose. The SDS and this coversheet may be revised from time to time, please ensure you have a current copy.

# Safety data sheet

according to 1907/2006/EC

## SECTION 1:

### Identification of the substance/ mixture and of the company/ undertaking

#### 1.1 Product identifier

- Trade name: Matrix Flow 70 clear
- Article number: 72007070

#### 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

anax dent GmbH, Dreifelderstraße 5, 70599 Stuttgart  
Tel.: +49 711 620092-0, Fax: +49 711 620092-29  
E-Mail: info@anaxdent.com

#### 1.4 Emergency telephone number: +49 711 620092-0

## 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:

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

## 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.

## 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.

**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: -

**SECTION 6:  
Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Not required.

**6.2 Environmental precautions**

No special measures required.

**6.3 Methoden und Material für Rückhaltung und Reinigung**

Mit flüssigkeitsbindendem Material (Kieselgur, Universalbinder, bei Kleinmengen Zellstoff) aufnehmen.

**6.4 Verweis auf andere Abschnitte**

Informationen zur Entsorgung siehe Abschnitt 13.

Informationen zur persönlichen Schutzausrüstung siehe Abschnitt 8.

**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/mfl  
 \*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

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 trough 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 Angaben zu den grundlegenden physikalischen und chemischen Eigenschaften

##### 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.

#### 9.2 Other information

No further relevant information available.

## 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

## 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.

## SECTION 12: Ecological information

### 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.

**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

**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:** no

**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

**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.

**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

· **Department issuing SDS:** anax dent GmbH

- **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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