

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: anaxblend Powder

Manufacturer: Anax Dent GmbH

SDS Expiry: 31 July 2029

Supplier Details: Henry Schein New Zealand
243-249 Bush Road, Rosedale, Auckland, 0632
PO Box 101 140, North Shore, Auckland 0745
Ph. 0800 808 855
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Emergency Contacts: Poisons/Hazardous Chemical Info Centre –
0800POISON/0800764766 (24 Hours)
Phone 111 for Fire, Ambulance or Police

HSNO Class/Category: 6

HSNO Group Standard: Dental Products Subsidiary Hazard Group Standard 2020
HSR002558

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

Date Prepared: This coversheet was prepared – August 2025

This SDS coversheet has been produced by Henry Schein NZ 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: anaxvest Powder (PM)
- Artikelnummer: 41890031 - 41892500

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

Uses of the substance or mixture:

Investment material for casting in dental technology

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

email: info@anaxdent.com

1.4 Emergency telephone number / E-Mail: +49 711 620092-0

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008
- STOT RE 1 H372 Causes damage to organs through prolonged or repeated exposure.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:



GHS08

Signal word: Danger

Hazard-determining components of labelling

contains: Quartz, cristobalite

Hazard statements:

H373

H372 Causes damage to organs through prolonged or repeated exposure.

Precautionary statements:

P260

Do not breathe dust/fume/gas/mist/vapors/spray.

2.3 Other hazards

Results of PBT and vPvB assessment

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

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Mixture of Quartz, cristobalite and additives

Dangerous components:

Component: Quartz

EINECS: 238-878-4 CAS-Nr. : 14808-60-7

Amount : 25 - 50 %

Classification according to Regulation (EC) No 1272/2008:

STOT RE 2, H373

Component: Cristobalite

EINECS: 238-455-4 CAS-Nr. : 14464-46-1

Amount : 25 - 50 %

Classification according to Regulation (EC) No 1272/2008:

STOT RE 2, H373

(For the wording of the listed hazard phrases refer to section 16.)

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation

Supply fresh air. Seek immediate medical advice.

After skin contact

Instantly wash with water and soap and rinse thoroughly.

After eye contact

Seek medical treatment.

After swallowing

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

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: CO₂, 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

· Formation of toxic gases is possible during heating or in case of fire.

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

Avoid causing dust.

Use breathing protection against the effects of fumes/dust/aerosol.

6.2 Environmental precautions:

No special measures required.

6.3 Methods and material for containment and cleaning up:

Collect mechanically.

Send for recovery or disposal in suitable containers.

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Wear protective equipment. Keep unprotected persons away.

Waste air is to be released into the atmosphere only via suitable separators.

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: magnesium oxide; CAS no. : 1309-48-4

Specification : WEL

Value: Long-term value: 10* 4** mg/m³
(as Mg) *inhalable dust **fume and 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**

Keep away from foodstuffs, beverages and food.

Wash hands during breaks and at the end of the work.

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 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

Filter P1.

Recommended filter device for short term use:

P2 (FFP 2 EN 149:2001) / P3 (FFP 3 EN 149:2001)

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

General Information

- Appearance / Form:	Powder
- Colour :	whitish
- Smell:	Odourless
- Odour threshold:	Not determined.
- pH value :	Not applicable.
- Melting point/Melting range:	Not determined
- Boiling point/Boiling range:	> 999 °C
- Flash point:	Not applicable
- Inflammability (solid, gaseous):	Not determined.
- Critical values for inflammability explosion:	Not determined.
- Steam pressure:	Not applicable.
- Steam density :	Not applicable.
- Relative density:	Not determined
- Solubility in / Miscibility with:	Insoluble
Partition coefficient (n-octanol/water):	Not determined.
Self-inflammability:	Product is not explosive.
Decomposition temperature:	Not determined.
Viscosity:	Not applicable.
Danger of explosion:	Product is not explosive.
Solids content:	100 %

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

Ammonia

Additional information: -

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	Causes damage to organs through prolonged or repeated exposure.
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: Avoid transfer into the environment

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: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings

Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

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: ☐ Yes / ☒ 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

Data sheet issuing area: 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

STOT RE 1: Specific target organ toxicity - Repeated exposure, Hazard Category 1

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

H372 Causes damage to organs through prolonged or repeated exposure.