

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Printing date: 11/30/2018

picodent Anmischflüssigkeit

Page 1 of 6

1. Identification of the substance/preparation and of the company/undertaking

1.1. Information on the product

Trade name: picodent Anmischflüssigkeit

1.2. Relevant identified uses of the substance/preparation and uses that are inadvisable

No further relevant information available

Application of the substance / the preparation Dental investment material liquid (Auxiliary for dental technology)

1.3. Details about the supplier of the safety data sheet

Manufacturer/Supplier:

Company name: picodent GmbH
Street: Lüdenscheider Str. 24-26
City: D-51688 Wipperfürth
Telephone: +49 2267 6580-0
E-Mail: picodent@picodent.de
Internet: www.picodent.de
Department for information: picodent GmbH
Fax-No. +49 2267 6580-31
Telephone-No. +49 2267 6580-0

1.4. Emergency contact number:

(07.30 am - 4.45 pm)

Telephone-No. +49 2267 6580-0
Telephone-No. +49 171 6126850

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

Hazard pictograms Void
Signal word Void
Hazard statements Void

2.3. Other hazards

-

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

3. Composition/information on ingredients *

3.2. Chemical characterisation:

Mixtures

Description:

-

Dangerous components:

Void

Additional information

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

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Printing date: 11/30/2018

picodent Anmischflüssigkeit

Page 2 of 6

4. First aid measures *

4.1. Description of first aid measures

General information

After inhalation

After skin contact

After eye contact

After swallowing

No special measures required.

Supply fresh air; consult doctor in case of symptoms.

Instantly wash with water and soap and rinse thoroughly.

Rinse opened eye for several minutes under running water.

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.

5. Fire-fighting measures *

5.1. Extinguishing media

Suitable extinguishing agents

CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

5.3. Advice for firefighters

Protective equipment:

Additional information

No special measures required.

-

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. 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

No dangerous materials are released.

See Section 8 for information on personal protection equipment.

-

7. Handling and storage *

7.1. Precautions for safe handling Information about protection against explosions and fires:

No special measures required.

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and containers:

No special requirements.

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Printing date: 11/30/2018

picodent Anmischflüssigkeit

Page 3 of 6

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

Protect from frost.

7.3. Specific end use(s)

No further relevant information available.

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:

50-00-0 formaldehyde

MEL () Short-term value: 2.5 mg/m³, 2 ppm
Long-term value: 2.5 mg/m³, 2 ppm

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.

Breathing equipment:

Not required.

Protection of hands:

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

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
not absolutely necessary
Light weight protective clothing

Eye protection:

Body protection:

9. Physical and chemical properties *

9.1. Information on basic physical and chemical properties

General Information

Appearance:

Form:

Fluid

Colour:

Whitish

Smell:

Odourless

Odour threshold:

Not determined.

pH-value at 20 °C:

9.5

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Printing date: 11/30/2018

picodent Anmischflüssigkeit

Page 4 of 6

Change in condition

Melting point/Melting range:	Not determined
Boiling point/Boiling range:	100 °C
Flash point:	Not applicable
Inflammability (solid, gaseous)	Not applicable.
Ignition temperature:	
Decomposition temperature:	Not determined.
Self-inflammability:	Product is not selfigniting.
Danger of explosion:	Product is not explosive.
Critical values for explosion:	
Lower:	Not determined.
Upper:	Not determined.
Steam pressure at 20 °C:	23 hPa
Density at 20 °C	1.2 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with Water:	Fully miscible
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.

9.2. Other information No further relevant information available.

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

11. Toxicological information

11.1. Information on toxicological effects

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

LD/LC50 values that are relevant for classification:

7631-86-9 silicon dioxide, chemically prepared

Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 5000 mg/kg (rabbit)

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Printing date: 11/30/2018

picodent Anmischflüssigkeit

Page 5 of 6

Primary irritant effect:

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.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

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.

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.

12.5. Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

Not applicable.

12.6. Other adverse effects

No further relevant information available.

13. Disposal considerations *

13.1. Waste treatment methods

Recommendation

Smaller quantities can be disposed with household garbage.

European waste catalogue

18 01 06 chemicals consisting of or containing dangerous substances

Uncleaned packagings:

Recommendation:

Disposal must be made according to official regulations.

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

Class

Void

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Printing date: 11/30/2018

picodent Anmischflüssigkeit

Page 6 of 6

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

15. Regulatory information *

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

National regulations

Water hazard class:

Generally not hazardous for water.

15.2. Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

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.

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

* Data compared to the previous version 1.2 altered.