

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Printing date: 09/23/2019

picovest universal NF

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

1.1. Information on the product

Trade name: picovest universal NF

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 impression material (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

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
Danger

Signal word

Hazard-determining components of labelling:

Quartz
cristobalite

Hazard statements

H372 Causes damage to organs through prolonged or repeated exposure.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

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2.3. Other hazards

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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:

CAS: 14808-60-7	Quartz	STOT RE 1, H372	25-50%
EINECS: 238-878-4			
CAS: 14464-46-1	cristobalite	STOT RE 1, H372	25-50%
EINECS: 238-455-4			

Additional information

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

4. First aid measures

4.1. Description of first aid measures

After inhalation

Supply fresh air.

After skin contact

Seek immediate medical advice.

After eye contact

Instantly wash with water and soap and rinse thoroughly.

After swallowing

Seek medical treatment.

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

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

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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.

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

Storage

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.

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:

1309-48-4 magnesium oxide

WEL 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.

Breathing equipment:

Filter P1.

Recommended filter device for short term use:

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

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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:

Powder

Colour:

Whitish

Smell:

Odourless

Odour threshold:

Not determined.

pH-value:

Not applicable.

Change in condition

Melting point/Melting range:

Not determined

Boiling point/Boiling range:

> 999 °C

Flash point:

Not applicable

Inflammability (solid, gaseous)

Not determined.

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:

Not applicable.

Density

Not determined

Relative density

Not determined.

Vapour density

Not applicable.

Evaporation rate

Not applicable.

Solubility in / Miscibility with Water:

Insoluble

Partition coefficient (n-octanol/water):

Not determined.

Viscosity:

dynamic:

Not applicable.

kinematic:

Not applicable.

Solvent content:

Solids content:

100.0 %

9.2. Other information

No further relevant information available.

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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:	-

11. Toxicological information

11.1 Information on toxicological effects	
Acute toxicity	Based on available data, the classification criteria are not met.
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 (carcinogenicity, 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	Causes damage to organs through prolonged or repeated exposure.
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 Additional ecological information: General notes:	No further relevant information available. 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.

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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.

European waste catalogue

18 01 06* chemicals consisting of or containing dangerous substances

Uncleaned packagings:

Recommendation:

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

14. Transport information

14.1. UN-Number

ADR, ADN, IMDG, IATA

Void

14.2. UN proper shipping name

ADR

Void

ADN, IMDG, IATA

Void

14.3. Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

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

Transport/Additional information:

Not applicable.

UN „Model Regulation“:

-
Void

15. Regulatory information

15.2. Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

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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.

Relevant phrases

H372 Causes damage to organs through prolonged or repeated exposure.

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) – Category 1