

## Safety Data Sheet

according to regulation (EU) No. 1907/2006

Printing date: 05/29/2017

picodent twinduo / twinduo extrahart / scan / soft

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

#### 1.1. Information on the product

**Trade name:** picodent twinduo / twinduo extrahart / scan / soft

#### 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** Product 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:

**Description:** Mixtures  
Mixture of substances listed below with nonhazardous additions.

#### Dangerous components:

EINECS: 238-455-4

Cristobalite (CAS 14464-46-1)



STOT RE 1, H372

25 - < 50%

#### Additional information:

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

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### 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 complaints.

**After skin contact:**

Generally the product does not irritate the skin.

**After eye contact:**

Rinse opened eye for several minutes under running water.

**After swallowing:**

If symptoms persist 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:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray 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:**

No special measures required.

### 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Not required.

#### 6.2. Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

#### 6.3. Methods and material for containment and cleaning up:

Pick up mechanically.

#### 6.4. Reference to other sections

No dangerous substances are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

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### 7. Handling and storage

**7.1. Precautions for safe handling**  
Information about fire - and explosion protection:

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 receptacles:**

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 facilities:**

No further data; see item 7.

**8.1. Control parameters**

**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:**

The lists valid during the making were used as basis.

**8.2. Exposure controls**

**Personal protective equipment:**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:**

Not required.

**Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**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.

Not required

**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.

Not required

**Eye protection:**

Not required.

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### 9. Physical and chemical properties

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

##### General Information

##### Appearance:

**Form:** Solid  
**Colour:** according to product description

**Odour:** Characteristic

**Odour threshold:** Not determined.

**pH-value:** Not applicable.

##### Change in condition

**Melting point/freezing point:** Undetermined.

**Initial boiling point and boiling range:** Undetermined.

**Flash point:** Not applicable.

**Flammability (solid, gas):** Not determined.

**Ignition temperature:** Not determined.

**Decomposition temperature:** Not determined.

**Auto-ignition temperature:** Product is not selfigniting.

**Explosive properties:** Product does not present an explosion hazard.

##### Explosion limits:

**Lower:** Not determined.

**Upper:** Not determined.

**Vapour pressure:** Not applicable.

**Density:** Not determined.

**Relative density at 23 °C** 1.7 - 1.9 g/cm<sup>3</sup>

**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:

**Organic solvents:** 0.0 %

**VOC (EC)** 0.00 %

**Solids content:** 80.0 %

#### 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

##### Thermal decomposition / conditions to be avoided:

No decomposition if used 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:

No dangerous decomposition products known.

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### 11. Toxicological information

#### 11.1. Information on toxicological effects

|                                                                                  |                                                                   |
|----------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Acute toxicity</b>                                                            | Based on available data, the classification criteria are not met. |
| <b>Primary irritant effect:</b>                                                  |                                                                   |
| <b>Skin corrosion/irritation</b>                                                 | Based on available data, the classification criteria are not met. |
| <b>Serious eye damage/irritation</b>                                             | Based on available data, the classification criteria are not met. |
| <b>Respiratory or skin sensitisation</b>                                         | Based on available data, the classification criteria are not met. |
| <b>CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)</b> |                                                                   |
| <b>Germ cell mutagenicity</b>                                                    | Based on available data, the classification criteria are not met. |
| <b>Carcinogenicity</b>                                                           | Based on available data, the classification criteria are not met. |
| <b>Reproductive toxicity</b>                                                     | Based on available data, the classification criteria are not met. |
| <b>STOT-single exposure</b>                                                      | Based on available data, the classification criteria are not met. |
| <b>STOT-repeated exposure</b>                                                    | Based on available data, the classification criteria are not met. |
| <b>Aspiration hazard</b>                                                         | Based on available data, the classification criteria are not met. |

### 12. Ecological information

#### 12.1. Toxicity

|                          |                                            |
|--------------------------|--------------------------------------------|
| <b>Aquatic toxicity:</b> | 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:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

#### 12.5. Results of PBT and vPvB assessment

|              |                 |
|--------------|-----------------|
| <b>PBT:</b>  | Not applicable. |
| <b>vPvB:</b> | Not applicable. |

#### 12.6. Other adverse effects

No further relevant information available.

### 13. Disposal considerations

#### 13.1 Waste treatment methods

|                             |                                                             |
|-----------------------------|-------------------------------------------------------------|
| <b>Recommendation</b>       | Smaller quantities can be disposed of with household waste. |
| <b>Uncleaned packaging:</b> |                                                             |
| <b>Recommendation:</b>      | 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 |
|----------------------|------|

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### 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

UN „Model Regulation“:

Not applicable.

Void

## 15. Regulatory information

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I

None of the ingredients is listed.

### 15.2. Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

## 16. Other information

This information is based on our present knowledge. However, this 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)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

### Sources

The data for the hazardous ingredients were taken respectively from the last version of Safety Data Sheets of suppliers.