

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## Doublident Part A

Revision date: 12.06.2017

Page 1 of 8

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Doublident Part A

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

##### Use of the substance/mixture

medical use

##### Uses advised against

No information available.

#### 1.3. Details of the supplier of the safety data sheet

Company name:	Willmann & Pein GmbH	
Street:	Schusterring 35	
Place:	D-25355 Barmstedt	
Telephone:	+49 (0) 4123 - 9228-0	Telefax: +49 (0) 04123 9228-49
e-mail:	info@wp-dental.de	
e-mail (Contact person):	info@wp-dental.de	
Internet:	www.wpdental.de	
Responsible Department:	info@wp-dental.de	

**1.4. Emergency telephone number:** +49(0) 551 - 1 92 40 (GIZ-Nord, 24h)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Regulation (EC) No. 1272/2008

Hazard categories:

Specific target organ toxicity - repeated exposure: STOT RE 2

Hazard Statements:

May cause damage to organs through prolonged or repeated exposure.

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

##### Hazard components for labelling

Cristobalite

**Signal word:** Warning

**Pictograms:**



##### Hazard statements

H373 May cause damage to organs through prolonged or repeated exposure.

##### Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P314 Get medical advice/attention if you feel unwell.  
P501 Dispose of waste according to applicable legislation.

#### 2.3. Other hazards

No information available.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## Doublident Part A

Revision date: 12.06.2017

Page 2 of 8

### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
14464-46-1	Cristobalite			10-30 %
	238-455-4			
	STOT RE 2; H373			

Full text of H and EUH statements: see section 16.

### Further Information

No information available.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Change contaminated, saturated clothing. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

#### After inhalation

Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration.

Seek medical advice immediately.

#### After contact with skin

Wash with plenty of water.

In case of skin irritation, consult a physician.

#### After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

#### After ingestion

Rinse mouth immediately and drink plenty of water.

Call a physician immediately.

Do NOT induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

No information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

First Aid, decontamination, treatment of symptoms.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Dry extinguishing powder. Carbon dioxide (CO<sub>2</sub>). alcohol resistant foam. Water spray jet

#### Unsuitable extinguishing media

High power water jet

### 5.2. Special hazards arising from the substance or mixture

No information available.

### 5.3. Advice for firefighters

Special protective equipment for firefighters Protective clothing.

In case of fire: Wear self-contained breathing apparatus.

Co-ordinate fire-fighting measures to the fire surroundings.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## Doublident Part A

Revision date: 12.06.2017

Page 3 of 8

### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.  
Dispose of waste according to applicable legislation.

### SECTION 6: Accidental release measures

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

See protective measures under point 7 and 8.  
Personal protection equipment: see section 8

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Cover drains.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### 6.4. Reference to other sections

See protective measures under point 7 and 8.  
Disposal: see section 13

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

See section 8.  
Wear personal protection equipment (refer to section 8).  
Keep container tightly closed.  
Avoid contact with skin, eyes and clothes.

##### Advice on protection against fire and explosion

Use only in well-ventilated areas.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Keep/Store only in original container.

##### Advice on storage compatibility

No special measures are necessary.

##### Further information on storage conditions

No special measures are necessary.

#### 7.3. Specific end use(s)

No information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
7631-86-9	silica dioxide, amorphous, synthetic			
Worker DNEL, long-term		inhalation	systemic	4 mg/m <sup>3</sup>

#### 8.2. Exposure controls

##### Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## Doublident Part A

Revision date: 12.06.2017

Page 4 of 8

### Protective and hygiene measures

- Only wear fitting, comfortable and clean protective clothing.
- Avoid contact with skin, eyes and clothes.
- Wash hands before breaks and after work.
- Take off contaminated clothing and wash it before reuse.
- When using do not eat, drink, smoke, sniff.

### Eye/face protection

goggles

### Hand protection

- Tested protective gloves must be worn: DIN EN 374
- NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber), PVC
- Thickness of the glove material  $\geq 0,4$  mm
- Breakthrough times and swelling properties of the material must be taken into consideration.
- For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
- Wearing time with occasional contact (splashes): max. 480 min.
- Wearing time with permanent contact 240 - 480 min
- Observe the wear time limits as specified by the manufacturer.

### Skin protection

Wear suitable protective clothing.

### Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Filtering device (full mask or mouthpiece) with filter: ABEK P3

### Environmental exposure controls

No information available.

## SECTION 9: Physical and chemical properties

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

Physical state: liquid  
Colour: white  
Odour: odourless

#### Test method

pH-Value: not determined

### Changes in the physical state

Melting point: not applicable  
Initial boiling point and boiling range: not applicable  
Sublimation point: not determined  
Softening point: not determined  
Pour point: not determined  
Flash point:  $>200$  °C

### Flammability

Solid: not applicable  
Gas: not applicable

### Explosive properties

not explosive according to EU A.14

Lower explosion limits: not applicable  
Upper explosion limits: not applicable

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## Doublident Part A

Revision date: 12.06.2017

Page 5 of 8

Ignition temperature: >400 °C

### Auto-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not applicable

### Oxidizing properties

No information available.

Vapour pressure:  
(at 20 °C) <0,1 hPa

Vapour pressure: not determined

Density (at 20 °C): 1,05 g/cm<sup>3</sup>

Bulk density: not determined

Water solubility: Immiscible

### Solubility in other solvents

No information available.

Partition coefficient: not determined

Viscosity / dynamic:  
(at 25 °C) 5.000 mPa·s

Viscosity / kinematic: not determined

Flow time: not determined

Vapour density: not determined

Evaporation rate: not determined

## 9.2. Other information

No information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

Strong acid, Strong alkali

### 10.6. Hazardous decomposition products

>150°C Formaldehyde

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

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

#### Irritation and corrosivity

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

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## Doublident Part A

Revision date: 12.06.2017

Page 6 of 8

### Sensitising effects

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

### Carcinogenic/mutagenic/toxic effects for reproduction

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

May cause damage to organs through prolonged or repeated exposure. (Cristobalite)

### Aspiration hazard

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

## SECTION 12: Ecological information

### 12.1. Toxicity

No information available.

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Advice on disposal

Dispose of waste according to applicable legislation.

#### Contaminated packaging

Dispose of waste according to applicable legislation.

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### 14.1. UN number:

No dangerous good in sense of this transport regulation.

#### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

#### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

#### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

#### 14.1. UN number:

No dangerous good in sense of this transport regulation.

#### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

#### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

#### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

### Marine transport (IMDG)

#### 14.1. UN number:

No dangerous good in sense of this transport regulation.

#### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## Doublident Part A

Revision date: 12.06.2017

Page 7 of 8

**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number:** No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

### 14.6. Special precautions for user

No information available.

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No information available.

## SECTION 15: Regulatory information

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

#### National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe employment restrictions for women of child-bearing age.

Water contaminating class (D): 2 - water contaminating

### 15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:  
silica dioxide, amorphous, synthetic

## SECTION 16: Other information

### 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)  
RID: Règlement international conernat le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
IATA-DGR: Dangerous Goods Refulations by the "International Air Transport Association" (IATA)  
ICAO: International Civil Aviation Organization  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
EC50: Effectice concentration, 50 percent  
DNEL: Derived No Effect Level  
PNEC: Predicted No Effect Concentration  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## Doublident Part A

Revision date: 12.06.2017

Page 8 of 8

### Relevant H and EUH statements (number and full text)

H373 May cause damage to organs through prolonged or repeated exposure.

### Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*