



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Guttapercha in Stangen

Print date: 14.04.2014

Page 1 of 8

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

#### 1.1. Product identifier

Name: Guttapercha in Stangen

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

##### Use of the substance/mixture

Filler

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

Company name: FAVODENT Karl Huber GmbH  
Street: Greschbachstr. 7  
Place: D-76229 Karlsruhe  
Telephone: +49 (0) 721 626 86-0  
Telefax: +49 (0) 721 626 86-66  
e-mail: info@favodent.com  
Contact person: Apoth. Wolf Telephone: +49 (0) 721 626 86-0  
e-mail: info@favodent.com  
Internet: www.favodent.com  
Responsible Department: Zentrale

#### 1.4. Emergency telephone number:

+49 (0) 721 626 86-0

### SECTION 2: Hazards identification

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

Indications of danger: N - Dangerous for the environment

R phrases:

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

##### GHS classification

Hazard categories:

Hazardous to the aquatic environment: Aquatic Acute 1

Hazardous to the aquatic environment: Aquatic Chronic 1

Hazard Statements:

Very toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

Signal word: Warning

Pictograms: GHS09



##### Hazard statements

H410 Very toxic to aquatic life with long lasting effects.

##### Precautionary statements

P273 Avoid release to the environment.

P391 Collect spillage.

P501 Dispose of waste according to applicable legislation.



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Guttapercha in Stangen

Print date: 14.04.2014

Page 2 of 8

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
215-222-5	zinc oxide	80-90 %
1314-13-2	N - Dangerous for the environment R50-53	
030-013-00-7	Aquatic Acute 1, Aquatic Chronic 1; H400 H410	

Full text of R and H phrases: see Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

No special measures are necessary.

##### After inhalation

Provide fresh air.

In case of respiratory tract irritation, consult a physician.

##### After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

If skin irritation occurs: Get medical advice/attention.

##### 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

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

Do NOT induce vomiting.

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

In case of ingestion

stomachache

diarrhoea

Nausea

In case of inhalation of larger quantities:

Headache

Fever

Amyosthenia

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

No information available.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

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

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



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Guttapercha in Stangen

Print date: 14.04.2014

Page 3 of 8

#### Unsuitable extinguishing media

Full water jet

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

In case of fire may be liberated:

Carbon monoxide.

Carbon dioxide (CO<sub>2</sub>).

#### 5.3. Advice for firefighters

Special protective equipment for firefighters:

Full protection suit

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

#### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

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

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

Avoid generation of dust.

Do not breathe dust.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

Take up mechanically, placing in appropriate containers for disposal.

#### 6.4. Reference to other sections

See protective measures under point 7 and 8.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

No special measures are necessary.

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

No special measures are necessary.

##### Further information on handling

The product is only for dental use.

#### 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.

##### Advice on storage compatibility

No special measures are necessary.

##### Further information on storage conditions

No special measures are necessary.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls

##### Appropriate engineering controls

No special measures are necessary.



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Guttapercha in Stangen

Print date: 14.04.2014

Page 4 of 8

### Protective and hygiene measures

When using do not eat, drink or smoke.  
Keep away from food, drink and animal feeding stuffs.  
Remove contaminated, saturated clothing immediately.  
Wash hands before breaks and after work.  
Avoid contact with skin and eyes.  
Do not breathe dust.

### Eye/face protection

Suitable eye protection:  
Eye glasses with side protection

### Hand protection

Suitable gloves type:  
NBR (Nitrile rubber) DIN EN 374,  
NR (natural rubber, natural latex)

### Skin protection

Protective clothing.

### Respiratory protection

Not necessary

### Environmental exposure controls

No special measures are necessary.

## SECTION 9: Physical and chemical properties

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

Physical state:	solid
Colour:	whitish
Odour:	odourless

pH-Value:	not applicable
-----------	----------------

#### Changes in the physical state

Melting point:	> 1.200 °C
Initial boiling point and boiling range:	not applicable
Flash point:	not applicable

#### Explosive properties

not explosive.

#### Auto-ignition temperature

Solid:	not applicable
Gas:	not applicable
Water solubility:	insoluble
Solvent content:	0%

#### Test method

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

### 10.2. Chemical stability

No dangerous reactions by handling and stock-keeping according to the guidelines.



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Guttapercha in Stangen

Print date: 14.04.2014

Page 5 of 8

#### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4. Conditions to avoid

No further Information available.

#### 10.5. Incompatible materials

No further Information available.

#### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
1314-13-2	zinc oxide				
	oral	LD50 mg/kg	> 5000	Rat	IUCLID

### SECTION 12: Ecological information

#### 12.2. Persistence and degradability

No further Information available.

#### 12.3. Bioaccumulative potential

No further Information available.

#### 12.4. Mobility in soil

No further Information available.

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

PBT: not applicable. vPvB: not applicable

#### 12.6. Other adverse effects

No further Information available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Dispose of waste according to applicable legislation.

Containers emptied of residues have to be recycled. Containers emptied of residues may still contain hazardous material. Containers not emptied should be removed harmlessly according to the actual disposal guidelines.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

<u>14.1. UN number:</u>	UN 3077
<u>14.2. UN proper shipping name:</u>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)
<u>14.3. Transport hazard class(es):</u>	9
<u>14.4. Packing group:</u>	III



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Guttapercha in Stangen

Print date: 14.04.2014

Page 6 of 8

Hazard label: 9  
Classification code: M7  
Special Provisions: 274 335 601  
Limited quantity: 5 kg  
Transport category: 3  
Hazard No: 90  
Tunnel restriction code: E

#### Other applicable information (land transport)

E2

#### Inland waterways transport (ADN)

**14.1. UN number:** UN 3077  
**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)  
**14.3. Transport hazard class(es):** 9  
**14.4. Packing group:** III  
Hazard label: 9  
Classification code: M7  
Special Provisions: 274 335 601  
Limited quantity: 5 kg

#### Other applicable information (inland waterways transport)

E1

#### Marine transport (IMDG)

**14.1. UN number:** UN 3077  
**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)  
**14.3. Transport hazard class(es):** 9  
**14.4. Packing group:** III  
Hazard label: 9  
Marine pollutant: yes  
Special Provisions: 274, 335, 966, 967  
Limited quantity: 5 kg  
EmS: F-A, S-F

#### Other applicable information (marine transport)

E2

#### Air transport (ICAO)

**14.1. UN number:** UN 3077  
**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)  
**14.3. Transport hazard class(es):** 9  
**14.4. Packing group:** III  
Hazard label: 9  
Special Provisions: A97 A158 A179  
Limited quantity Passenger: 30 kg G  
IATA-packing instructions - Passenger: 956  
IATA-max. quantity - Passenger: 400 kg



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Guttapercha in Stangen

Print date: 14.04.2014

Page 7 of 8

IATA-packing instructions - Cargo: 956  
IATA-max. quantity - Cargo: 400 kg

#### Other applicable information (air transport)

Passenger-LQ: Y956  
E1  
00000000005: Y344  
E2  
000000005: Y342

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes

### SECTION 15: Regulatory information

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

##### National regulatory information

Water contaminating class (D): 2 - water contaminating

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Abbreviations and acronyms

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO: International Civil Aviation Organization  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
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 Harmonized 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

#### Full text of R phrases referred to under Sections 2 and 3

50 Very toxic to aquatic organisms.  
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
53 May cause long-term adverse effects in the aquatic environment.

#### Full text of H statements referred to under Sections 2 and 3

H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

#### Further Information

The information of this SDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfill the demand laid down in the local rules and legislation. The information in this SDS is meant as a description of the safety requirements of our product. It is not to



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Guttapercha in Stangen

Print date: 14.04.2014

Page 8 of 8

be considered as a guarantee of the product's properties.

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