

Safety data sheet



according to Regulation (EC) 1907/2006

Date of issue: 19. October 2010

print date: 22 October 2012

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

Identification of the product:

Product name: alpha – Gutta-Percha points synthetic, Mtwo[®] Gutta-Percha, RECIPROC[®] Gutta-Percha

Use of the substance/preparation: Root canal filling material

Manufacturer/supplier identification:

Company: VDW GmbH
Bayerwaldstr.15, D-81737 München, Germany Tel: ++49 89 62734-0
e-mail: info@vdw-dental.com
Contact for information: Quality Management
Telephone: ++49 89 62734- 0 • Telefax: ++49 89 62734-340
Emergency Call: Giftnotruf: Klinikum Rechts der Isar München Telephone: ++49 89-19240

2. Hazard Identification

alpha Guttapercha points are a medical products according Directive 93/42/EC and no hazardous substance or preparation according Regulation 1272/2008 EC.

3. Composition / information on ingredients

alpha Guttapercha points contains the following substances according Directive 1999/45 EC

Name according Regulation EC:	CAS-No.	EG-No.	Risk symbols	R-Phrases	Content
Zinc oxide	1314-13-2	215-222-5	N	50/53	58 - 62%
Gutta Percha synthetic	104389-32-4	232-537-3	-	-	20 - 24%

4. First aid measures

After skin contact: not necessary (bounded solid)
After eye contact: not necessary (bounded solid)
After swallowing: if victim is still conscious, make him drink plenty of water, Consult doctor if feeling unwell.

5. Fire-fighting measures

Suitable extinguishing media: CO₂, water, foam, powder

Special risks: In event of fire formation of hazardous combustion gases or vapours possible

6. Accidental release measures

Safety data sheet



according to Regulation (EC) 1907/2006

Date of issue: 19. October 2010

print date: 22 October 2012

Procedures for cleaning / absorption:

Take up mechanical. Forward for disposal. Clean up affected area

7. Handling and storage

Handling: Avoid contact with eyes, skin and clothes
Storage: Tightly closed at a dark and dry place. (15-25°C)

8. Exposure controls / personal protection

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier

Respiratory protection:	not necessary		
Eye protection:	required (EN 166)		
Hand protection:	in full contact:	Glove material:	latex or nitril
		Layer thickness:	0,4 mm
		Breakthrough time:	> 480 min

Additional reference:

The data are based on own examinations, literature data and information from glove manufacturers or are derived by analogy reasoning from similar materials.

It is to be noted that the daily life of a chemical protection glove can be clearly shorter in practice because of the many factors of influence (e.g. temperature, stretch etc.) than the permeation time determined after EN 374.

Industrial hygiene:

Change contaminated clothing. Wash hands and face after working with substance.
Under no circumstances eat or drink at workplace

9. Physical and chemical properties

Form:		solid
Colour:		pink
Odour:		without
Melting point:		67°C
Ignition temperature:		not available
Vapour pressure:	(20°C)	not available
Density:	(20°C)	0,90 g/cm ³
Solubility in water	(20°C)	not soluble
pH-value		not available

10. Stability and reactivity

Safety data sheet



according to Regulation (EC) 1907/2006

Date of issue: 19. October 2010

print date: 22 October 2012

Hazardous decomposition products:

no information available

Hazardous reactions:

No dangerous reactions known

Conditions to be avoided:

Strong heating

Substances to be avoided

no information available

Hazardous decomposition products:

no information available

11. Toxicological information

Acute toxicity:

Zinc oxide

LD₅₀ (oral, rat) > 5000 mg/kg

Further toxicologic information

No data available

Sensitization: not known

Further data:

The product should be handled with the care usual when dealing with chemicals

12. Ecological information

Ecotoxic effects:

Quantitative data on the ecological effect of this product are not available

Further ecologic data:

No ecological problems are to be expected when the product is handled and used with due care and attention

13. Disposal considerations

Contact a licensed professional waste disposal service to dispose of this material.

Observe all federal, state and local environmental regulations

14. Transport information

Not subject to transport regulations

The transport regulations are cited according to international regulations and in form applicable in Germany.

Possible national deviations in other countries are not considered

15. Regulatory information

Safety data sheet

according to Regulation (EC) 1907/2006

Date of issue: 19. October 2010



print date: 22 October 2012

Labelling according to EC Directives:

No hazardous product as specified in Directive 67/548/EEC

Symbol: -

R-phrases: -

S-phrases: -

16. Other information

Revised version

The used Gutta Percha is fully synthetic and has no allergenic proteins like natural latex

This Safety Data sheet is corresponding to the GHS (Globally Harmonized System of Classification and Labelling of chemicals)

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

VDW GmbH shall not be held liable for any damage resulting from handling or from contact with the above product

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions.

It does not represent a guarantee of the properties of the product.