

Material Safety Data Sheet SYNTEX PASTE B -

MSDS is prepared in accordance with REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2008.

LAST UPDATE: 02.06.2015

1 . IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Name of product: SYNTEX PASTE B

Application: Material for filling and sealing root canals

Manufacturer: PPH CERKAMED Wojciech Pawłowski
ul. Kwiatkowskiego 1
37-450 Stalowa Wola, POLAND

2. HAZARDS IDENTIFICATION

Risk of serious damage to eyes. Irritating to eyes and skin.

Classification according to GHS



HAZARDOUS

Hazardous: H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation

Prevention: P305 + P351 + P338 IF IN EYES: Wash carefully for a couple of minutes.
Remove contact lenses if present and easy to do. Continue rinsing.

Storage: P403 Store in a well ventilated place.
P410 Protect from sunlight
P233 Keep container tightly closed

3. COMPONENTS

	Name	CAS No.	WE No.	Classification	R-phrases	Concentration [%]
1.	1- adamantylamine	768-94-5	212-201-2	Xi	302,315,319	>10
2.	TCD-diamine	68889-71-4		Xi	302,317	<10
3.	Silica	7631-86-9	271-893-4	not applicable	not applicable	<20

The full wording of R-phrases and symbols can be found in point 16 of this MSDS

Material Safety Data Sheet SYNTEX PASTE B -

4. EMERGENCY FIRST AID PROCEDURES

General information

Never give anything by mouth to an unconscious person.

After inhalation

Provide access to fresh air. Call a doctor.

After eye contact

Immediately flush eyes with plenty of water for at least 10 minutes.

Avoid strong stream of water due to the risk of mechanical damage to the cornea.

Immediately contact your eye doctor.

After skin contact: Take off contaminated clothing. Rinse skin with plenty of water.

In the case of irritation, contact your doctor.

After ingestion: Do not induce vomiting. Give water to drink. Call a doctor.

5. FIRE FIGHTING MEASURES

Non-flammable substance, adjust measures to burning materials in the environment

Adequate fire fighting measures: dry powder and fire-fighting foam, carbon dioxide.

Fire fighting media which must not be used for safety reasons:

not specified

Special risks:

unknown

Hazardous decomposition products:

May form carbon oxides (COx) and nitrogen oxides (NOx).

Special protective equipment:

In case of fire substances harmful to health may be produced. Put the protective gas-tight clothing and breathing apparatus (breathing apparatus complete with mask).

6. UNINTENDED RELEASE INTO THE ENVIRONMENT

Individual precautions:

Avoid contact with eyes and skin. Provide air exchange (ventilation). Proceed in accordance with the principles of safety and health at work with chemicals. Use personal protective equipment as stated in paragraph 8.

Precautions concerning environment protection:

In the event of a failure, do not allow discharges into the environment. Secure the product before it enters the sewers, groundwater, soil.

Cleaning methods:

Use measures such as absorbing sand and carefully collect and place in an appropriate, well-marked container waste. Rinse the contaminated surface with water.

7. HANDLING AND STORAGE

Dealing with preparation: Proceed in accordance with the principles of good professional practice and comply with health and safety. When using, do not eat, drink or smoke, avoid eye

Material Safety Data Sheet SYNTEX PASTE B -

and skin contact with the liquid, personal protective equipment (as defined in section 8).

Protection against the fire and explosion: Non-flammable preparation.

Storage: Store in a well-ventilated, dry area. Store in tightly closed containers, at 2 ± 25 °C. Protect from sunlight and high temperatures.

8. EXPOSURE CONTROL AND INDIVIDUAL PROTECTION

Harmful substances exposure limit values to be monitored:

For this preparation not determined, only for components

For silica dust TWA: 4 mg / m³

Determination in the air at workplaces

Not determined.

Biological monitoring:

Not applicable

Respiratory protection:

With proper handling of preparation respiratory protection is not required

Eye protection:

Necessary - protective goggles or face protection, dental protective visor

Skin protection:

Necessary - gloves and appropriate protective clothing - apron

Other information:

While using the preparation avoid eyes and skin exposure, do not eat, drink and do not smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form, color, odor:	viscous paste, white
Boiling point:	not determined
Melting point:	not determined
Vapor pressure:	not determined
Solubility in water:	insoluble
Density:	not determined
Flash point:	not determined
pH	7
Viscosity	6.5×10^2 [Pas]

10. STABILITY AND REACTIVITY

Stability:

Product stable under normal conditions of use and storage.

Materials and conditions that must be avoided:

High temperature, UV light, sunlight, acids.

Hazardous decomposition products:

Not determined

11. TOXICOLOGICAL INFORMATION

Inhalation:

Acute toxicity:

Material Safety Data Sheet SYNTEX PASTE B -

The silicon oxide (CAS 7631-86-9) LD 50 (rat) 0.477 mg / l 4h

Ingestion:

Acute toxicity:

The silicon oxide (CAS 7631-86-9) LD 50 (rat) > 5000 mg / kg

1-adamantylamine (CAS 768-94-5) LD50 Oral - rat - 900 mg / kg

TCD-diamine (CAS 68889-71-4) LD50 (rat) - 502 mg / kg

May cause gastrointestinal irritation

Skin contact:

May cause skin irritation. After prolonged contact may cause an allergic reaction.

Eye contact:

Avoid contact with eyes. Risk of serious damage to eyes.

Other information:

None of the ingredients of the product is classified as carcinogenic, mutagenic or reprotoxic.

12. ECOLOGICAL INFORMATION

Ecotoxicology:

For product is not specified, only available data on the components:

Silica (CAS 7631-86-9): LC50 (Brachydanio rerio): > 10000 mg / l - 96h

Daphnia magna EC50: > 10000 mg / L 24h

Scenedesmus subspicatus IC50: > 10000 mg / L 72h

1-adamantylamine (CAS 768-94-5) LC50 - Pimephales promelas (fathead minnow)-25 mg/l -96h

EC50 - Daphnia magna (Water flea) - 22.1 mg / l - 48 h

TCD-diamine (CAS 68889-71-4): Lepomis gibbosus LC50: 125 mg / l / 96h

Oncorhynchus mykiss (rainbow trout) LC50: 110 mg / l / 96h

Oryzias latipes (Medaka) LC50: 100 - 125 mg / L / 48h

Bioaccumulation:

Not specified.

Biodegradation:

Biodegradable.

Other informations:

Protect the product from getting into groundwater, soil.

13. DISPOSAL CONSIDERATIONS

Used product

Do not allow contamination of surface water and groundwater. Do not dispose of with household waste.

Dispose of according to local, state and federal regulations or return to the producer.

Packaging

Non-contaminated packaging should be passed to the recycling.

Contaminated packaging should be emptied and cleansed and then passed to the recycling.

14. TRANSPORT INFORMATION

The product is not subject to regulations for hazardous materials.

Transport by road (ADR / RID) not classified

Material Safety Data Sheet SYNTEX PASTE B -

Maritime transport (IMDG) not classified
Air transport (ICAO / IATA) not classified

15. REGULATION

Product has to be labeled.

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation



HAZARDOUS

General information:

The product intended for use only by qualified medical personnel, as recommended by the manufacturer.

NOTE: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the material safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Explanation of symbols and phrases appearing in section 3:

Xi Irritant

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

Other sources of basic data to compile the data sheet:

- MSDS of the individual ingredients of this product
- Computer Database EINECS, 2005.
- IUCLID Data Bank
- ESIS - European Chemical Substances Information System

All data are based on our current knowledge. Information contained in the Charter are intended to describe the product in terms of safety requirements.

The user is responsible for creating the conditions for the safe use of the product and takes responsibility for the consequences resulting from improper of this product.