

PPH CERKAMED**Material Safety Data Sheet CALCIPAST – Temporary root canal filling material**

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 1907/2006

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1. IDENTIFICATION

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2. HAZARDS IDENTIFICATION

Irritant preparation. Risk of serious damage to the eyes.

Classification according to GHS

**HAZARDOUS**

Hazardous: H315 Causes skin irritation.
 H318 Causes serious eye damage.
 Prevention: P305 + P351 + P338 IN CASE OF SKIN CONTACT : Wash with soap and water immediately.
 IN CASE OF EYE CONTACT: Rinse with water carefully for a few minutes. If applicable and possible, take out contact lenses. Continue eyes rinsing. Consult/ call a doctor.
 Storage: P403 Store in a well-ventilated place.
 P410 Avoid sun light.
 P233 Store tightly closed

3. COMPONENTS

Name	CAS No.	WE No.	Classification	Concentration [%]
Calcium hydroxide	1305-62-0	215-137-3	[Xi] R 41	>15
Barium sulfate	7727-43-7	231-784-4	NA	>10
Polypropylene glycol	25322-69-4	200-338-0	NA	>20

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

4. EMERGENCY FIRST AID PROCEDURES**General information:**

Do not give anything by mouth to an unconscious person

After inhalation:

Provide access to fresh air. Call a doctor.

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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.

If irritating effect last consult a doctor.

After skin contact: Take off contaminated clothing. Rinse skin with plenty of water. In case of irritation, contact your doctor.

After ingestion: If swallowed do not induce vomiting. Give the person some water. Contact your doctor.

5. FIRE FIGHTING MEASURES

Product not - flammable

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

Fire-fighting measures, which must not be used for safety reasons: Not specified

Special risks: Unknown

Hazardous decomposition products:

Not specified.

Special protective equipment : In case of fire, substances harmful to health can be produced. Put on protective gastight clothing and breathing apparatus complete with a full face mask.

6. ACCIDENTAL RELEASE MEASURES

Individual precautions:

Avoid contact with eyes and skin. Provide for the exchange of air (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 method:

Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method. Contaminated area rinse by water.

7. HANDLING AND STORAGE

Dealing with preparation: Proceed in accordance with the principles of good practice and to comply with health and safety. While using of the device do not eat, drink or smoke, avoid eye and skin contact with the liquid, personal protective equipment (as defined in section 8). Spilled preparation can cause risk of slipping.

Protection against fire and explosion: Non-flammable preparation

Storage: Store in well-ventilated, dry area. Store closed, at temperature 2÷25 °C. Protect from sunlight and high temperature.

8. EXPOSURE CONTROL/INDIVIDUAL PROTECTION

Biological monitoring: Not applicable

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Respiratory protection: Not required - with the proper treatment.

Eye protection: Necessary - goggles or face protection such as protective dental visor

Skin protection: Necessary - gloves and appropriate protective clothing - lab coat.

Other information:

While using the preparation avoid eye and skin exposure, do not consume meals and beverages, do not smoke.

9. PHYSICAL/CHEMICAL PROPERTIES

Physical form, color, odor:	white paste
Boiling point:	not determined
Melting point:	not determined
Vapor pressure:	not determined
Flash point:	not determined
Solubility in water:	very good
Solubility in organic solvents:	good in 2-propanol
Density:	not determined
pH	>12

10. STABILITY AND REACTIVITY

Stability:

Product stable under normal conditions of use and storage.

Materials and conditions that must be avoided:

High temperature, sun light, acids.

Hazardous decomposition products:

Not specified.

11. TOXICOLOGICAL INFORMATION

Inhalation:

Not specified.

Ingestion:

High toxicity:

Calcium hydroxide (CAS 1305-62-0) LD₅₀ (rat) 7340 mg/kg

Glycol polypropylene (CAS 25322-69-4) LD₅₀(rat) 2000 mg/kg

May cause irritation to digestive system.

Skin:

Irritation to skin may occur.

Eyes:

Avoid eye contact. May cause irritation to eyes.

Other information;

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

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12. ECOLOGICAL INFORMATION

Ecotoxicology:

Not specified.

Bioaccumulation:

Not specified.

Biodegradation:

Biodegradable.

Other information:

Prevent product from entering sewers, groundwater, soil.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

The product is subject to regulations for hazardous materials.

Transport by road (ADR / RID) – 9, III

Maritime transport (IMDG) - NA

Air transport (ICAO / IATA) - NA

15. REGULATION

Product has to be labeled.

H315 Irritating to skin.

H318 Cause major eye damage



HAZARD

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

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Explanation of symbols and phrases appearing in section 3:

Xi Irritant

R 41 Risk of serious damage to eyes.

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

You will be responsible for creating the conditions for the safe use of the product and bear responsibility for any consequences resulting from misuse of this product.