

Material Safety Data Sheet

According to 2004/73/CE

Printing date 21.11.2006

Reviewed on 21.11.2006

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

· **Product details**

· **Trade name:** **SEPTO PACK**

· **Application of the substance / the preparation** Gingival occlusive bandage

· **Manufacturer/Supplier:**

SEPTODONT

58, rue du Pont de Créteil

94107 Saint-Maur-des-Fossés Cedex

Tél: +33 (0)1 49 76 70 00

Fax: +33 (0)1 48 85 54 01

· **Further information obtainable from:** Laboratory







· **Information in case of emergency:** NHS Direct: 0845 46 47 / Textphone: 0845 606 46 47

2 Composition/information on ingredients

· **Chemical characterization**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 1314-13-2 EINECS: 215-222-5	zinc oxide  N; R 50/53	25-50%
CAS: 84-74-2 EINECS: 201-557-4	dibutyl phthalate Repr. Cat. 2, 3;  T,  N; R 61-62-50	10-25%
CAS: 7446-19-7 EINECS: 231-793-3	zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate)  Xn,  Xi,  N; R 22-41-50/53	2.5-10%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

· **Hazard description:**



T Toxic

N Dangerous for the environment

· **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 61 May cause harm to the unborn child.

R 36 Irritating to eyes.

R 62 Possible risk of impaired fertility.

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

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.



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4 First aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Open and handle receptacle with care.
Prevent formation of dust.
- **Information about fire - and explosion protection:** Keep respiratory protective device available.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

84-74-2 dibutyl phthalate

WEL (Great Britain)	Short-term value: 10 mg/m ³ Long-term value: 5 mg/m ³
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- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.

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Store protective clothing separately.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**



Protective gloves

· **Material of gloves** Rubber gloves

· **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

· **General Information**

Form:	Solid
Colour:	According to product specification
Odour:	Characteristic

· **Change in condition**

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

· **Flash point:** Not applicable.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density:** Not determined.

· **Solubility in / Miscibility with water:** Insoluble.

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

· **Dangerous reactions** No dangerous reactions known.

· **Dangerous decomposition products:** No dangerous decomposition products known.

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11 Toxicological information

· **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

1314-13-2 zinc oxide

Oral	LD50	7950 mg/kg (mouse)
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84-74-2 dibutyl phthalate

Oral	LD50	8000 mg/kg (rat)
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Dermal	LD50	20000 mg/kg (rabbit)
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7446-19-7 zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate)

Oral	LD50	2150 mg/kg (rat)
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· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** Irritating effect.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

12 Ecological information

· **Ecotoxicological effects:**

· **Remark:** Very toxic for fish

· **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Very toxic for aquatic organisms

13 Disposal considerations

· **Product:**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

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14 Transport information

· Land transport ADR/RID (cross-border)



- ADR/RID class: 6.1 (T2) Toxic substances.
- Danger code (Kemler): 60
- UN-Number: 2811
- Packaging group: II
- Hazard label: 6.1
- Description of goods: 2811 TOXIC SOLID, ORGANIC, N.O.S. (zinc sulphate (hydrous) (mono-, hexa-and hepta hydrate))

· Maritime transport IMDG:



- IMDG Class: 6.1
- UN Number: 2811
- Label: 6.1
- Packaging group: II
- EMS Number: F-A,S-A
- Marine pollutant: Yes
- Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (zinc sulphate (hydrous) (mono-, hexa-and hepta hydrate) , dibutyl phthalate)

· Air transport ICAO-TI and IATA-DGR:



- ICAO/IATA Class: 6.1
- UN/ID Number: 2811
- Label: 6.1
- Packaging group: II
- Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (zinc sulphate (hydrous) (mono-, hexa-and hepta hydrate))

15 Regulatory information

· Labelling according to EU guidelines:

The product has been marked in accordance with EU Directives / respective national laws.

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· Code letter and hazard designation of product:

T Toxic
N Dangerous for the environment

· Hazard-determining components of labelling:

dibutyl phthalate

· Risk phrases:

- 61 May cause harm to the unborn child.
- 36 Irritating to eyes.
- 62 Possible risk of impaired fertility.
- 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

· Safety phrases:

- 53 Avoid exposure - obtain special instructions before use.
- 20 When using do not eat or drink.
- 22 Do not breathe dust.
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 36/37 Wear suitable protective clothing and gloves.
- 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- 57 Use appropriate container to avoid environmental contamination.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant R-phrases

- 22 Harmful if swallowed.
- 41 Risk of serious damage to eyes.
- 50 Very toxic to aquatic organisms.
- 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 61 May cause harm to the unborn child.
- 62 Possible risk of impaired fertility.