

63709

DATA SAFETY SHEET

Date of issue: 1995 12 20

Product: Tubulitec Cavity Liner

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

PRODUCT NAME:	Tubulitec Cavity Liner
TYPE OF PRODUCT:	Dental Product. For insulation of dental cavities.
MAUFACTURER:	Dental Therapeutics AB
ADDRESS:	Gillevägen 6
POSTAL ADDRESS:	S-131 33 Nacka, Sweden.
TELEPHONE:	+46 8 716 81 41
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INFORMATION ISSUED BY/CONTACT PERSON:	Kerstin Orreby

2. Composition /Information on Ingredients

No:	Name:	CAS-nr:	Conc.	EINECS No:	Classification:	R-phrases
1.	Ethyl Acetate	141-78-6	80 %		F	11
2.	Calcium Hydroxide	1305-62-0	5 %		Xi	41
3.	Calcium Oxide	1305-78-8	1 %		Xi	41
4.	Diiodidthymol	552-22-7	1 %		Xi	36/38
5.						

T+=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritating, E=Explosive, O=Oxidizing, F+=Extremely flammable, F=Highly flammable.

3. Hazards Identification

Highly flammable. Risk of serious eye-injury. Irritates skin and eyes.

4. First aid measures

After inhalation: Fresh air. Summon doctor.

After skin contact: Wash of with water.

After ingestion: Make victim drink lemon juice, table vinegar, or raw eggs mixed into milk, followed by plenty of water. Avoid vomiting. Summon doctor.

After eye contact: Rinse out with plenty of water for at least 10 minutes with eyelid held wide open. Summon eye specialist.

5. Fire-fighting measures

Suitable extinguishing media:

Powder, foam.

Extinguishant:

Carbon dioxide, powder for liquid.

Special risk:

Combustible. Vapor heavier than air. Formation of explosive mixtures possible with air. Keep away from sources of ignition. Take measures to prevent electrostatic charging.

6. Accidental release measures

Person-related precautionary measures:

Do not inhale vapors.

Proceduress for cleaning/absorption:

Take up with liquid-absorbent material. Forward for disposal. Clean up.

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7. Handling and storage

Handling:

No further requirements.

Storage:

Tightly closed. In well-ventilated place. Keep away from sources of ignition and heat. At room temperature.

8. Exposure controls/personal protection

Specific control parameter:

Max. allowable conc.(FRG) Ethyl Acetate: 1400 mg/m³

Max. allowable conc. (FRG) Calcium Oxide: 5 mg/m³ total dust.

Eye protection: Required

Hand protection: Required

9. Physical and chemical properties

Form:	Liquid		
Colour:	Yellow-brown		
Odour:	Pleasant fruit-like		
Melting temperature:	-83 degr.C	Boiling temperature:	+77 degr.C
Density:		Flash point:	-4 degr.C
Explosion limits: %-%:	2,2-11,5 vol%	pH value:	
Vapor pressure:	103 mbar	Solubility in Water:	

10. Stability and reactivity

Conditions to be avoided

None

Substances to be avoided

Alkali metals, hydrides, strong oxidizing agents, water with air and light.

Hazardous decomposition products

Ethanol, acetic acid.

11. Toxicological information

Acute toxicity

Ethyl Acetate:	LD50 (oral,rat): 5620 mg/kg
Calcium Hydroxide:	LD50 (oral,rat): 7340 mg/kg
Dilodidymol:	LD50 (oral,rat): 950 g/kg

Further toxicological information

After ingestion and inhalation: mucosal irritations, lack of appetite, headache. In high concentrations: salivation, nausea, vomiting, narcosis, respiratory paralysis.

After skin contact: Degreasing effect on the skin, possibly followed by secondary inflammation. After long-term exposure : Sensitization with allergic manifestations.

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12. Ecological information

Biologic degradation:

Biological degradability: Good.

Ecotoxic effects: When used properly, no impairments in the function of waste-water-treatment plants are to be expected.

Toxic for aquatic organisms: Fish: LC₅₀: 333 mg/l.

Further ecologic data: Product reacts with water. fish EC₀: 50 mg/l (acetic acid)

Do not allow to enter drinking water supplies, waste water, or soil!

13. Disposal considerations

Contact waste disposal companies which will advise you on how to dispose of special waste.

14. Transport information

Land transport ADR/RID

ADR/RID class: 3 Number and letter: 3B

Name of material: AETHYLACETAT

River transport ADN/ADNR

not examined

Sea transport IMDG

IMDG class: 3.2

UN-No.: 1173

Packaging group: II

Ems: 3-07

MFGA: 330

Air transport ICAO-IATA and IATA-DGR

ICAO/IATA class: 3

UN/ID-No.: 1173

Packaging group: II

15. Regulatory information

Labelling according to EEC directives

Symbol: F, Xi

Name: Highly flammable, Irritating.

R-phrases: 11, 41, 36/38

Highly flammable, Risk of serious eye-injury. Irritating to eyes and skin.

S-phrases: 16-23-29-33

Keep away from sources of ignition - No smoking. Do not breathe vapour. Do not empty into drains. Take precautionary measures against static discharges.

EEC-No.: Ethyl Acetate 205-500-4

THE BOTTLE CONTAINS ONLY 10 ML.

16. Other information