

MATERIAL SAFETY DATA SHEET

Tubulitec Primer

Page1/3

Date of issue: 2012-12-19

Replaces date: 2009-02-17

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

| | |
|---------------------------------------|--|
| PRODUCT NAME: | Tubulitec Primer |
| TYPE OF PRODUCT: | Dental Product. For insulation of dental cavities. |
| ANUFACTURER: | Dental Therapeutics AB |
| ADDRESS: | Paviljongvägen 3-5 |
| POSTAL ADDRESS: | SE-132 40 Saltsjö-Boo |
| TELEPHONE: | +46 8 7168141 |
| TELEFAX: | +46 8 7182175 |
| INFORMATION ISSUED BY/CONTACT PERSON: | Kenneth Larsson |

2. Hazards Identification

HIGHLY FLAMMABLE

3. Composition /Information on ingredients

| No: | Name: | CAS-nr: | Conc: | Classification: | R-phrases |
|-----|---------|---------|-------|-----------------|-----------|
| 1 | Ethanol | 64-17-5 | 90% | F | 11 |

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

4. First aid measures

AFTER INHALATION: Fresh air and rest.

AFTER SKIN CONTACT: Wash of with soap and water.

AFTER INGESTION: Drink immediately plenty of water or milk. Large amounts: Summon doctor.

AFTER EYE CONTACT: Rinse out with plenty of water for at least 10 minutes with the eyelid held wide open. Summon eye specialist if still feeling unwell.

5. Fire-fighting measures

SUITABLE EXTINGUISHING MEDIA: Powder, foam.

SPECIAL RISK: Highly flammable. Vapours can form explosive mixtures even below room temperature. Contaminated clothes make risk of fire.

6. Accidental release measures

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

7. Handling and storage

HANDLING: Avoid contact with strong oxidation agents. Can damage varnished and painted areas, protected fat –layers and rubber-materials.

STORAGE: Tightly closed, at room temperature. In well-ventilated place. Keep away from sources of ignition and heat.

8. Exposure controls/personal protection

SPECIFIC CONTROL PARAMETERS: Max. allowable conc.: ethanol 1000ppm

EYE PROTECTION: Required

HAND PROTECTION: Required

MATERIAL SAFETY DATA SHEET

Tubulitec Primer

Page2/3

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9. Physical and chemical properties

| | |
|--|--|
| Form: Liquid | |
| Colour: Yellow-clear | |
| Odour: ethanol | |
| | |
| Melting temperature: -114 degr. C° | Boiling temperature: +78 degr. C° |
| Density: 791 kg/m ³ | Flash point: 13 degr.C° |
| Explosion limits: %--%: 3,5-11,5 vol% | pH value: |
| Vapor pressure: 44 mmHg | Solubility in Water: |

10. Stability and reactivity

REACTS WITH: Reacts explosively with strong oxidation agents as potassium hypochlorite, nitric acid and hydrogen peroxide.

11. Toxicological information

ACUTE ORAL TOXICITY: 14000 mg/kg LD50, rat

FURHTER TOXICOLOGICAL INFORMATION: LD50, oral dog: 5500 mg/kg

AFTER INHALATION: In high concentrations: headache, tiredness, indisposition, blunting judgment, and deteriorated ability to react.

AFTER SKIN CONTACT: Degreasing effects on the skin.

AFTER EYE CONTACT: Intense irritation.

AFTER INGESTION: As after inhalation. High concentration: Vomiting. Unconsciousness.

12. Ecological information

BIOLOGIC DEGRADATION: Ethanol: Biotisk BOD5/COD 0 0,4-0,8. BOD 10 = 65-74% av TOD.

BIOACCUMULATION: Ethanol: BCF<10 (calculated)

ECOTOXIC EFFECTS: Ethanol: Fish LC50/96h=13480 mg/l Pimphales promelas, LC50/24h = 11200 mg/l Salmosp, LC50/7d=11050 mg/l Guppy, Lco/24h=7000mg/l Semolitus atromaculants. Daphina EC50/unknown time = 5000 mg/l Scenedesmus sp.

13. Disposal considerations

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

14. Transport information

| | |
|----------------------------|-------------------------------|
| LAND TRANSPORT: | ADR/RID |
| class: 3,3(b) | |
| UN-No:1170 | |
| | |
| SEA TRANSPORT: | IMGD |
| class: 3.2 | |
| UN-No: 1170 | |
| Packaging group: II | |
| MFAG: 305 | |
| | |
| AIR TRANSPORT: | ICAO-IATA and IATA-DGR |
| Class: 3 | |
| Packaging group: II | |

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Page3/3

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15. Regulatory information

Labelling according to Council Directive 93/42/EEC Annex V and the standards EN ISO 9002 and EN 46002.

Symbol: F

Name: Highly flammable

R-phrases: R11: Highly flammable

S-phrases: S7 Keep tightly closed.

S16 Keep away from sources of ignition. No smoking!

CAS-NO: Ethanol: 64-17-5

THE BOTTLE CONTAINS 10 ML

16. Other information

ONLY FOR PROFESSIONAL DENTAL USE.

The glass container and the cap is both recyclable.

The information above is believed to be accurate and represents the best information currently available to us.

Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages.