



# MATERIAL SAFETY DATA SHEET

Product: **QUARTZ SPLINT ROPE**

Issue: March 19, 2010

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## 1. IDENTIFICATION OF THE PRODUCT & THE COMPANY

NAME of PRODUCT: **QUARTZ SPLINT ROPE**

SUPPLIER :

Name : R.T.D : Recherches Techniques Dentaires

Address : 3 Rue Louis Neel. Espace Gavanière  
38120 St-Egrève. FRANCE

Telephone: +33 4 76 56 56 66

Fax : +33 4 76 56 11 77

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## 2. COMPOSITION / INFORMATION ON COMPONENTS

SUBSTANCE:

Chemical name or usual name:

Quartz fibres  
Dimethacrylate resins (Bisgma, Tegdma)  
Light initiator, silica

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## 3. IDENTIFICATION OF DANGER

HEALTH EFFECTS: No health effects are expected us

PHYSICAL & CHEMICAL DANGERS:

none known

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## 4. FIRST AID

The recommendations are based on that appropriate personal and hygiene practices are followed.

SKIN CONTACT: Wash with soap and water in case of accidental contact

EYE CONTACT: Flush immediately with plenty of water and seek medical advice

INHALATION: Not Applicable

INGESTION: Seek medical advice



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## 5. FIRE MEASURES

### EXTINGUISH MEDIA:

Recommended: Ordinary materials: water, foam or carbon dioxide, dry chemical, water mist

### SPECIFIC HAZARDS:

none known

### PROTECTION OF THE INTERVENING PERSONNAL:

usual fire equipment

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## 6. MEASURES IN CASE OF ACCIDENTAL DISPERSION

INDIVIDUAL MEASURES: not applicable

### MEASURES FOR THE PROTECTION OF THE ENVIRONMENT:

due to small amount dispose as ordinary waste or contact local regulation authority for advice

### CLEANING METHODS:

Recuperation: not applicable

Elimination: Dispose of in accordance with local regulations

### OTHER

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## 7. STORAGE & HANDLING

### HANDLING:

#### Prevention of the workers exposure:

Use ordinary hygiene practices (avoid eye contact, avoid breathing dust by cutting, avoid skin contact)

### STORAGE:

#### Storage conditions:

- Recommended: Keep away from light. Store reserve in their box and away from light
- Avoided: Light material sensitive-Keep away from light

Inappropriate materials: none known

#### Materials for packaging:

- Recommended: all material for example: plastic as polyethylene, polypropylene...
- Avoided: PS polystyrene



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### 8. CONTROLS OF THE EXPOSURE / INDIVIDUAL PROTECTION

#### INDIVIDUAL PROTECTIVE EQUIPMENT:

Hand protective measures: normal dental hygiene practices;  
surgical gloves, safety glasses and surgical mask

Eye protective measures: wear safety glasses during treatment for dental personal and patients

OTHER: avoid breathing dust while cutting

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### 9. PHYSICAL & CHEMICAL PROPERTIES

#### ASPECT:

- Physical state: semi-solid
- Colour: translucent and slightly yellow
- Odour: odourless or slight odour of methacrylic resin
- pH: not applicable

#### FIRE & EXPLOSION HAZARDS:

- Flash point: not applicable
- Density: not determined  
Specific density (water): not determined
- Solubility: in water: not soluble  
in organic solvents: partly soluble

VISCOSITY: not applicable

OTHER:

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### 10. STABILITY & REACTIVITY

STABILITY: Stable

#### HAZARDOUS DECOMPOSITION PRODUCTS

No hazardous decomposition products in normal conditions of use

#### DANGEROUS REACTIONS WITH:

none known



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## 11. TOXICOLOGICAL INFORMATION

This product should not present a health and safety hazard when used as recommended or under ordinary conditions

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## 12. ECOLOGICAL INFORMATION

POSSIBLE IMPACT TO THE ENVIRONMENT / ECOTOXICITY:

not determined

OTHER:

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## 13. ELIMINATION INFORMATION

DESTROYING MEASURES: Due to small amount dispose as ordinary waste in approved landfill

DESTROYING PROCEDURE OF CONTAMINATED PACKAGING:

Dispose according to local regulations

REMARK:

Since regulations vary, contact local regulations or authorities for advice

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## 14. TRANSPORT INFORMATION

OTHER DATA:

no precaution is necessary

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## 15. INFORMATIONS ACCORDING TO REGULATIONS

EEC REGULATIONS:

EEC labelling:

REMARK:

Medical device class IIa -CE mark

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## 16. OTHER INFORMATION

The information contained in this sheet are based on our best knowledge of the product at the date 19.03.2010. They represent our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.