



## MATERIAL SAFETY DATA SHEET

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Product : **SEALBOND ULTIMA**

Issue : December 1, 2000

Version : 1

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### 1. IDENTIFICATION OF THE PRODUCT & THE COMPANY

NAME of PRODUCT : **SEALBOND ULTIMA**

SUPPLIER :

Name : R.T.D : Recherches Techniques Dentaires

Address : Espace Gavaniere. 3 Rue Louis Neel  
38120 Saint-Egreve. 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 :

Acetone	LD 50 oral rate 10.5ml/kg
Biphenyl dimethacrylate	LD 50 oral rate >1000mg/kg

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### 3. IDENTIFICATION OF DANGER

HEALTH EFFECTS : Exposure to uncured resin may cause eye irritation and may cause skin sensitization.

PHYSICAL & CHEMICAL DANGERS

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### 4. FIRST AID

SKIN CONTACT : Wash immediately with plenty of water and soap

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

INHALATION : If breathed and symptoms develop, move into fresh air

INGESTION : If large quantities are swallowed, do not induce vomiting drink plenty of water  
And if discomfort persists, get medical attention



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### 5. FIRE MEASURES

EXTINGUISH MEDIA :

Recommended : Chemical foam , carbon dioxide or chemical dry

Not appropriated :

SPECIFIC HAZARDS : Upon combustion irritating gases may form  
Keep away from sparks and open flames

PROTECTION OF THE INTERVENING PERSONNAL :

Usual fire equipment

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### 6. MEASURES IN CASE OF ACCIDENTAL DISPERSION

INDIVIDUAL MEASURES :

MEASURES FOR THE PROTECTION OF THE ENVIRONMENT

Avoid spillage . Clean up immediately

CLEANING METHODS :

Recuperation : Pick up small spills with moist paper towels, discard properly

Elimination : Dispose in accordance with local regulations

OTHER :

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### 7. STORAGE & HANDLING

HANDLING :

Prevention of the workers exposure : Use dental practice

STORAGE :

. Storage conditions :

- Recommended : cool and dry conditions , recap tightly bottle after use

- Avoided : overheating > 40°C, light intensity > 10 000 lux

. Inappropriate materials : Peroxide

. Materials for packaging :

- Recommended : glass , polyethylene or polypropylene

- Avoided : none



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

#### INDIVIDUAL PROTECTIVE EQUIPMENT :

Hand protective measures : wear gloves

Eye protective measures : Safety glasses and surgical face mask recommended

OTHER : wear suitable protective clothing

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### 9. PHYSICAL & CHEMICAL PROPERTIES

#### ASPECT :

- Physical state : liquid

- Color : colorless

- Odour : slightly odor of acetone

- pH : 4.3-4.5

#### FIRE & EXPLOSION HAZARDS :

- Flash point : -19°C ( acetone )

- Density :  
Specific density ( water ) : 0.9-1

- Solubility  
. in water : miscible  
. in organic solvents : miscible

VISCOSITY : not determined

OTHER :

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### 10. STABILITY & REACTIVITY

STABILITY : stable in normal conditions of storage

#### HAZARDOUS DECOMPOSITION PRODUCTS

No hazardous decomposition products in normal conditions of use

DANGEROUS REACTIONS WITH : flammable when exposed to flames



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### 11. TOXICOLOGICAL INFORMATIONS

SKIN IRRITATION : may occur local irritation on skin if repeated contact

EYES IRRITATION : may occur irritation to eyes if unintentional contact

OTHER :

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### 12. ECOLOGICAL INFORMATIONS

POSSIBLE IMPACT TO THE ENVIRONMENT / ECOTOXICITY : not determined

OTHER

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### 13. ELIMINATION INFORMATIONS

DESTROYING MEASURES : Due to small amount dispose as ordinary waste in approved landfill  
Burn under controlled conditions

DESTROYING PROCEDURE OF CONTAMINATED PACKAGING :  
Burn in a suitable incinerator for packaging

REMARK : Since regulations vary , contact local regulations or authorities for advice

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### 14. TRANSPORT INFORMATIONS

OTHER DATA

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### 15. INFORMATIONS ACCORDING TO REGULATIONS

EEC REGULATIONS :  
EEC labelling :

Remark : Medical device class IIa -CE marking

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### 16. OTHER INFORMATIONS

This sheet completes the technical sheet of use but it doesn't replace it .

The informations contained in this sheet are based on our best knowledge of the product at the date 01.12.2000  
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 .