



# MATERIAL SAFETY DATA SHEET

Product : **CORECEM<sup>®</sup> ILLUSION<sup>™</sup>**

Issued: January 10, 2013

Version: 1

Page : 1/4

---

## 1. IDENTIFICATION OF THE PRODUCT & THE COMPANY

NAME of PRODUCT:    **CORECEM<sup>®</sup> ILLUSION<sup>™</sup>**

MANUFACTURER / SUPPLIER:

Name:                            R.T.D : Recherches Techniques Dentaires

Address:                        3 Rue Louis Neel. Espace Gavanière

8120 Saint-Egreve. FRANCE

Telephone:                    + 33 476 565 666

Fax:                                + 33 476 561 177

---

## 2. COMPOSITION / INFORMATION ON COMPONENTS

SUBSTANCE:

Chemical name or usual name:

Mixture of methacrylic resin based on Bisgma  
Silica, barium glass fillers, stabilizers, benzoyl peroxyde (catalyst)  
Camphorquinone, amine accelerator, pigment (base)

---

## 3. IDENTIFICATION OF DANGER

HEALTH EFFECTS :

The uncured product may cause skin irritation in repeated contact

PHYSICAL & CHEMICAL DANGERS:

Unknown

---

## 4. FIRST AID

SKIN CONTACT : Wash immediately with plenty of soap and water

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

INHALATION:        Not Applicable

INGESTION:         Seek medical advice immediately



## MATERIAL SAFETY DATA SHEET

Product : **CORECEM<sup>®</sup> ILLUSION<sup>™</sup>**

Issued: January 10, 2013

Version: 1

Page : 2/4

---

### 5. FIRE MEASURES

#### EXTINGUISH MEDIA:

Recommended: Foam, carbon dioxide or dry chemical

Not appropriated: Unknown

SPECIFIC HAZARDS: In case of fire and/or explosion do not breathe fumes

#### PROTECTION OF THE INTERVENING PERSONNAL:

Usual fire equipment

---

### 6. MEASURES IN CASE OF ACCIDENTAL DISPERSION

#### INDIVIDUAL MEASURES :

Clean up with alcohol and water and soap

#### MEASURES FOR THE PROTECTION OF THE ENVIRONMENT :

Avoid spillage , clean up immediately

#### CLEANING METHODS:

Recuperation: Clean up with paper towels  
Wash contaminated area with alcohol and soap & water

Elimination: Dump or burn under controlled conditions  
Contact local regulation authority for advice

#### OTHER:

---

### 7. STORAGE & HANDLING

#### HANDLING

Prevention of the workers exposure :  
Use dental practice

#### STORAGE :

Storage conditions:  
- Recommended: store at dry and dark place, at 3-8°C for prolonged period  
- Avoided: Overheating ( $\geq 20^{\circ}\text{C}$ ), do not expose opened syringe to direct sunlight, recap tightly after use

Inappropriate materials: Strong oxidizers, free radical initiators, peroxide, metal powders



## MATERIAL SAFETY DATA SHEET

Product : CORECEM<sup>®</sup> ILLUSION<sup>™</sup>

Issued: January 10, 2013

Version: 1

Page : 3 /4

---

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

#### INDIVIDUAL PROTECTIVE EQUIPMENT :

Hand protective measures: wear gloves

Eye protective measures : not required if used according to protocol

#### OTHER:

Use normal hygienic measures and reasonable care to avoid skin contact with unpolymerized product

---

### 9. PHYSICAL & CHEMICAL PROPERTIES

#### ASPECT:

- Physical state: flowable paste
- Color: ivory to blue and reversible
- Odour: odourless
- pH: Not applicable

#### FIRE & EXPLOSION HAZARDS :

- Flash point: Unknown
- Density: Not determined
- Solubility: in water : insoluble  
in organic solvents: not determined

VISCOSITY: not determined

#### OTHER:

---

### 10. STABILITY & REACTIVITY

STABILITY: stable in normal conditions of storage

#### HAZARDOUS DECOMPOSITION PRODUCTS

No hazardous decomposition products in normal conditions of use



## MATERIAL SAFETY DATA SHEET

Product : **CORECEM<sup>®</sup> ILLUSION<sup>™</sup>**

Issued: January 10, 2013

Version: 1

Page : 4 /4

---

### 11. TOXICOLOGICAL INFORMATION

SKIN IRRITATION: may occur skin irritation if repeated contact

EYES IRRITATION: may occur irritation to eyes if unintentional contact

OTHER: Possible allergic reaction to methacrylate by chronic exposure to the product

---

### 12. ECOLOGICAL INFORMATION

POSSIBLE IMPACT TO THE ENVIRONMENT / ECOTOXICITY:  
Unknown

OTHER :

---

### 13. ELIMINATION INFORMATION

DESTROYING MEASURES:  
Use proper landfill disposal or incineration in accordance with local, state and federal regulations

DESTROYING PROCEDURE OF CONTAMINATED PACKAGING:  
Burn in a suitable incinerator for packaging or contact local regulations or authorities for advice

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

---

### 14. TRANSPORT INFORMATION

OTHER DATA: The product does not fall under the transportation classification for dangerous product

---

### 15. INFORMATION ACCORDING TO REGULATIONS

EEC REGULATIONS:  
EEC labelling :

REMARK: Medical device class IIa-CE mark

---

### 16. OTHER INFORMATION

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 10.01.2013.  
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.