



CERAS DENTALES  
CERAS ESPECIALES

Plaça del Castell, 5 – baixos  
Tel. 977 341 240 – Fax. 977 345 021  
43201 Reus (Spain)

## **SAFETY DATA SHEET**

According to the Comisión Directive 91/155/CE and 93/112/CE

### 1.- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION.

-PRODUCT NAME : **DENTAL WAXES FOR LABORATORY AND WAX PATTERNS PREFORMAS  
CODE 25050000 AT 29009999.**

- MANUFACTURER: CERA REUS, S.A.  
PL. CASTELL, 5  
43201 – REUS  
TEL. 34 977 341 240  
FAX. 34 977 345 021

- EMERGENCY TELEPHONE NUMBER: 34 977 341 240

### 2.- COMPOSITION/INFORMATION ON INGREDIENTS.

- SATURATED HYDROCARBONS + COPOLYMERS OF ETHYLENE AND ACETATE OF VINYL.

### 3.- HAZARDS IDENTIFICATION.

- THIS PRODUCT IS NOT EXPECTED TO PRESENT ANY UNUSUAL HAZARDS IN PROPER USE.  
- THIS PRODUCT IS OFTEN TRANSPORTED AND HANDLED HOT CARE SHOULD BE TAKEN TO PREVENT THERMAL BURNS.  
-TEMPERATURE >200°C THERMAL DECOMPOSITION IN TOXIC PRODUCTS AND CORROSIVE: MONOXIDE OF CARBON - ACETIC ACID.

### 4.- FIRST AID MEASURES.

- INHALATION: NO EFFECTS KNOWN UNDER NORMAL CONDITIONS OF USE.  
- INGESTION: NO EFFECTS KNOWN UNDER NORMAL CONDITIONS OF USE.  
- EYES: WASH WITH WATER. IF IRRITATION PERSISTS, CONSULT PHYSICIAN.  
- SKIN: IF BURNED BY CONTACT WITH HOT MATERIAL, COOL BURNED SKIN AREA AS QUICKLY AS POSSIBLE BY IMMERSING IN COLD WATER, OR APPLYING COLD WATER. CALL A PHYSICIAN.

### 5.- FIRE FIGHTING MEASURES.

- EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL OR FINE WATER SPRAY AND SAND.  
- SPECIAL FIREFIGHTING PRECAUTIONS: AVOID WATER STREAM ON MOLTEN BURNING MATERIAL AS IT MAY SCATTER AND SPREAD THE FIRE. AN INCORRECT APPLICATION OF THE WATER CAN MAKE THAT THE PRODUCT OVERFLOWS AND EXTEND.  
- RESPIRATORY PROTECTION: RESPIRATOR WITH A MIST FILTER FOR AVOID INHALATION OF WAX GASES.

## 6.- ACCIDENTAL RELEASE MEASURES.

- IN CASE OF SPILLING OUT THE PRODUCT IN SOLID STATE, TO SWEEP THE AREA, AND TO TOSS SAND IF IT WAS NECESSARY.
- IN CASE OF SPILLING OUT THE HOT MATERIAL, KEEP TO THE STAFF FAR AWAY, TO ALLOW TO SOLIDIFY AND TO RECOVER THE PRODUCT FOR THEIR RECYCLING OR REMOVAL.
- TO WARN TO THE AUTHORITIES IF THE PRODUCT GOT INTO SEWERS OR WATER CONDUCTIONS.

## 7.- HANDLING AND STORAGE.

- KEEP AWAY FROM HEAT AND FLAMES.
- DO NOT STORE NEAR STRONG OXIDIZING AGENTS.
- KEEP OUT OF STRONG SUNLIGHT.
- DO NOT STORE AT TEMPERATURES >20°C.
- EXERCISE SUITABLE PRECAUTIONS TO AVOID THERMAL BURNS WITH MOLTEN MATERIAL.
- THE OCCASIONAL REMAINS IN THE FLOOR PRESENT RISKS OF FIRE, TO AVOID THEIR ACCUMULATION.

## 8.- EXPOSURE CONTROLS/PERSONAL PROTECTION.

- RESPIRATORY PROTECTION: NO SPECIAL RESPIRATORY PROTECTION IS NORMALLY REQUIRED. AVOID INHALATION OF WAX GASES.
- HAND PROTECTION / PROTECTIVE GLOVES: HEAT PROTECTIVE IMPERVIOUS GLOVES WHEN HANDLING MOLTEN PRODUCT.
- EYE PROTECTION: FACE SHIELD OR CHEMICAL SPLASH GOGGLES IN CASE OF SPLASHING.
- SKIN PROTECTION: WEAR PROTECTIVE CLOTHING, SUCH AS LONG SELVES TO MINIMIZE SKIN CONTACT. COVERALLS WHEN HANDLING MOLTEN PRODUCT.
- HYGIENE MEASURES: REMOVE CONTAMINATED CLOTHING AND CLEAN IT. DO NOT EAT OR DRINK AT WORK.

## 9.- PHYSICAL AND CHEMICAL PROPERTIES.

- |                         |  |
|-------------------------|--|
| - PHYSICAL STATE 25°C : | SOLID                                    |
| - COLOR:                | BLUE, RED AND GREEN IN DIFFERENT SHADES. |
| - PRESENTATION:         | TINS AND PATTERNS                        |
| - MELTING POINT:        | 60-115°C.                                |
| - FLASH POINT:          | >200°C.                                  |
| - ODOR:                 | CHARACTERISTIC WAXY ODOR                 |
| - SPECIFIC GRAVITY:     | (WATER =1) 0.88-0.97                     |
| - SOLUBILITY IN WATER:  | NEGLIGIBLE                               |

## 10.- STABILITY AND REACTIVITY

- STABILITY: STABLE AT NORMAL CONDITIONS.
- INCOMPATIBILITIES: STRONG OXIDIZING AGENTS, SUNLIGHT OR ULTRAVIOLET LIGHT. TO HIGHT TEMPERATURE HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2, AND ACETIC ACID, THEY CAN CAUSE EYE AND SKIN IRRITATION .



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#### 11.- TOXICOLOGICAL INFORMATION.

- INGESTION: NO EFFECTS KNOWN UNDER NORMAL CONDITIONS OF USE.
- INHALACIÓN: NO EFFECTS KNOWN UNDER NORMAL CONDITIONS OF USE. HAZARDOUS DECOMPOSITION PRODUCTS: DEPENDING ON CONDITIONS OF FIRE, CO, CO<sub>2</sub>, AND ACETIC ACID, THEY CAN CAUSE EYE AND SKIN IRRITATION .

#### 12.- ECOLOGICAL INFORMATION.

- NO DATA HAVE BEEN DEVELOPED ON THIS SUBJECT. THIS PRODUCT IS NOT SOLUBLE IN WATER.

#### 13.- DISPOSAL CONSIDERATIONS.

- DISPOSE IN ACCORDANCE WITH APPROPRIATE LOCAL REGULATIONS, RIGHT TIP OR INCINERATION.

#### 14.- TRANSPORT INFORMATION

- SPECIAL TRANSPORTATION NOTES: NONE.

#### 15.- REGULATORY INFORMATION

- NO DANGEROUS SUBSTANCE OR COMPOUND TO OUR STAND OF KNOWLEDGE ACCORDING TO REGULATIONS OF DANGEROUS GOODS OR THE CORRESPONDING GUIDELINES OF THE EUROPEAN COMMUNITY.

#### 16.- OTHER INFORMATION.

- THE OPINIONS EXPRESSED HEREIN ARE THOSE OF QUALIFIED EXPERTS WITHIN CERA REUS, S.A. WE BELIEVE THAT THE INFORMATION CONTAINED HEREIN IS CURRENT AS OF THE DATE OF THIS SAFETY DATA SHEET. SINCE THE USE OF THIS INFORMATION AND OF THESE OPINIONS AND THE CONDITIONS OF USE OF THIS PRODUCT ARE NOT WITHIN THE CONTROL OF CERA REUS, S.A., IT IS THE USER'S OBLIGATION TO DETERMINE THE CONDITIONS OF SAFE USE OF THE PRODUCTS.

LAST REV. FEB./05