



# C-R® HYBRID

Self-Cure Composite Resin

## English

REF 310071 Self-cure composite resin  
25g (Base) + 25g (Catalyst) 10°C - 24°C 50°F - 75°F  
DO NOT USE IN PRESENCE OF EUGENOL

- 1) Prepare tooth and apply self-cure composite bonding agent
- 2) Mix equal amounts of Base and Catalyst pastes. Do not cross-contaminate jars. 2-1/2 minutes working time from this point on.
- 3) Back-load into any Centrix C-R® Syringe tube (not NeedleTube). Do not load tube more than 1/2 full!
- 4) Insert plug into tube.
- 5) Load tube into syringe barrel.
- 6) Squeeze syringe with a slow, steady pressure and inject.
- 7) Finish C-R® Hybrid when fully set (4 to 5 minutes).

## Italiano

REF 310071 Composito autoindurente  
25 g (base) + 25 g (catalizzatore) 10°C - 24°C 50°F - 75°F  
NON USARE IN PRESENZA DI EUGENOLO!

- 1) Preparare il dente ed applicare l'agente legante del composito.
- 2) Miscelare in parti eguali la pasta di base ed il catalizzatore.  
Evitare la contaminazione incrociata dei contenitori. Il tempo utile di lavorazione post-miscelazione è di 2 minuti e 1/2.
- 3) Caricare dal retro un tubo per siringa Centrix C-R® (non un tubo per ago). Riempire il tubo per non più della metà.
- 4) Inserire lo stantuffo nel tubo.
- 5) Caricare il tubo nel cilindro della siringa.
- 6) Premere lentamente lo stantuffo della siringa esercitando una pressione uniforme ed iniettare il preparato.
- 7) Rifinire il C-R® IBRIDO quand'è completamente indurito (dopo 4 o 5 minuti).

## Nederlands

REF 310071 Zelfuithardende composietvullinghars  
25 g base + 25 g katalysator 10°C - 24°C 50°F - 75°F  
NIET GEBRUIKEN ALS ER EUGENOL IN DE BUURT IS!

- 1) Bereid de tand voor en breng een zelfuithardend bindmiddel voor composietvulling aan.
- 2) Meng gelijke delen base- en katalysatormengsels. Besmet de potjes niet met elkaar. U heeft 2 1/2 minuut tijd om te werken vanaf dit moment.
- 3) Stop het materiaal in de achterkant van het buisje van de Centrix C-R® injectiespuit. Niet meer dan voor de helft vullen!
- 4) Steek de plug in het buisje.
- 5) Plaats het buisje in de cilinder van de injectiespuit.
- 6) Druk langzaam en gelijkmatig op de injectiespuit en injecteer.
- 7) Maak de C-R® Hybrid af wanneer het zich helemaal gezet heeft (4 à 5 minuten).

## Español

REF 310071 Compuesto resinoso de autocurado  
25g (Base) + 25 g (Catalizador) 10°C - 24°C 50°F - 75°F  
NO USAR EN PRESENCIA DE EUGENOL

- 1) Prepare el diente y aplique el agente adhesivo del compuesto de autocurado.
- 2) Mezcle cantidades iguales de las pastas de Base y de Catalizador. No contamine en forma cruzada los recipientes. 2-1/2 minutos de tiempo de trabajo desde este punto en adelante.
- 3) Cargue por detrás en cualquier tubo de Jeringa Centrix C-R® (no en el Tubo de aguja). ¡No lo cargue más de la mitad!
- 4) Inserte el obturador dentro del tubo.
- 5) Cargue el tubo dentro del cilindro de la jeringa.
- 6) Presione la jeringa con una presión lenta y constante e inyecte.
- 7) Realice el acabado del C-R® Hybrid cuando haya fraguado completamente (entre 4 y 5 minutos).

## Portuguese

REF 310071 Resina composta de auto-cura  
25g (Base) + 25g (Catalisador) 10°C - 24°C 50°F - 75°F  
NÃO USE COM EUGENOL

- 1) Prepare o dente e aplique o agente de união do composto.
- 2) Misture quantidades iguais das pastas de Base e do Catalisador. Não contamine os potes com outro produto.  
Tempo de trabalho de 2-1/2 minutos a partir deste ponto.
- 3) Carregue o tubo de qualquer seringa Centrix C-R® (Tubo sem agulha). Não encha mais do que a metade!
- 4) Insira o bupão no tubo.
- 5) Coloque o tubo no cilindro da seringa.
- 6) Aperte a seringa com uma pressão lenta e uniforme e injete.
- 7) Faça o acabamento do C-R® Hybrid quando completamente endurecido (4 a 5 minutos).

## Français

REF 310071 Résine composée autopolymérisante  
25 g (base) + 25 g (catalyseur) de 10°C à 24°C de 50°F à 75°F  
NE PAS UTILISER EN PRÉSENCE D'EUGENOL

- 1) Préparez la dent et appliquez l'agent adhésif de la résine composée autopolymérisante.
- 2) Mélangez des quantités égales de pâtes de base et de catalyseur. Ne contaminez pas les bouchons entre eux. Vous avez 2 minutes 30 de travail à partir de ce moment-là.
- 3) Rétrorremplissez le mélange dans un tube de seringue Centrix C-R® (pas dans le tube à aiguille). Ne remplissez pas plus de la moitié!
- 4) Introduisez le bouchon dans le tube.
- 5) Placez le tube dans le corps de la seringue.
- 6) Appuyez lentement sur la seringue en maintenant une pression constante et injectez.
- 7) Terminez l'Hybride C-R® lorsqu'il est totalement pris (de 4 à 5 minutes).

## Dansk

REF 310071 Selvhærdende kompositresin  
25g (basis) + 25g (katalysator) 10°C - 24°C 50°F - 75°F  
MÅ IKKE ANVENDES I NÆRHEDEN AF EUGENOL

- 1) Gør tanden klar og påstryk selvhærdende kompositbindemiddelet.
- 2) Bland lige dele basis og katalystormasse. Krukkerne må ikke tværkontamineres. 2 1/2 minuts arbejdstid fra dette punkt.
- 3) Baglad i et Centrix C-R® sprøjterør ikke kanylerør. Må kun fyldes 1/2 fuld!
- 4) Sæt prop i røret.
- 5) Sæt røret i sprøjtecyklinderen.
- 6) Tryk på sprøjten med langsomt, jævnt tryk og injicér.
- 7) Færdigbehandl C-R® Hybrid, når det er fuldstændig hærdet (4 til 5 minutter).

## Svenska

REF 310071 Självhårdande kompositiharts  
25 g (bas) + 25 g (katalysator) 10°C - 24°C 50°F - 75°F  
ANVÄND EJ TILLSAMMANS MED EUGENOL!

- 1) Förbered tanden och applicera det självhårdande kompositbindemedlet.
- 2) Blanda lika delar bas och katalysator. Blanda ej ihop burkarnas innehåll. Blandningen kan bearbetas i 2 1/2 minuter räknat från denna tidpunkt.
- 3) Bakladda hartset i Centrix C-R® spruttrör av valfri typ (dock ej kanyltrör). Ladda endast spruttröret till hälften!
- 4) Sätt pluggen på röret.
- 5) Ladda röret i sprutkolven.
- 6) Tryck ihop sprutan i en jämn och långsam rörelse för att injicera hartset.
- 7) Putsa C-R® Hybrid när det härdat helt (4-5 minuter).

## Deutsch

REF 310071 Chemisch härtendes Komposit  
25 g Basispaste + 25 g Katalysatorpaste 10°C - 24°C  
ACHTUNG: KONTAKT MIT EUGENOL VERMEIDEN!  
Gebrauchsanleitung

- 1) Zahn wie gewohnt präparieren und chemisch härtendes Adhäsiv aufbringen.
- 2) Gleiche Mengen Basis- und Katalysatorpaste miteinander mischen. Kontakt der Vorratsbehälter untereinander vermeiden. Verarbeitungszeit nach dem Mischen 2,5 min.
- 3) Material mit einem Centrix C-R® Tip (außer Needle Tip) vom Mischblock aufnehmen. Achtung: C-R Tip nur zur Hälfte füllen.
- 4) Kolben einführen
- 5) C-R® Tip in die Dosierpistole einsetzen
- 6) Material mit leichtem gleichmäßigem Druck auspressen und applizieren
- 7) Endgültige Bearbeitung von C-R® Hybrid nach dem vollständigen Aushärten - d.h. nach 4-5 min.

# MATERIAL SAFETY DATA SHEET: C-R® HYBRID COMPOSITE RESIN

## SECTION I - Product/ Company Identification

Product Trade Name: CR HYBRID Part (Item) Number: REF 310071  
Manufacturer: CENTRIX, INC. Address: 770 River Road  
City, State, Zip: Shelton, CT 06484 U.S.A.

Emergency or Information Telephone Numbers: (203)929-5582, Toll-Free: (800)235-5862 (USA & Canada) Fax: (203)929-6804

Date Revised: June, 2006

## SECTION II - Hazardous Ingredients / Identity Information

Hazardous Components:	%	CAS NO.	SYMBOL	R	OTHER LIMITS
Blend of multifunctional methacrylates	26 - 32	N/E	Xn/Xi	22/36/37/38	
Initiator	0.10 - 0.35	[94-36-0]	E/Xn	2/7/36/43	
Amine	0.10 - 0.35	[3077-12-1]	Xn/Xi/T	22/36/37/38/39	

## SECTION III - Hazards Identification

HAZARD CLASSIFICATION: Harmful

## SECTION IV - First Aid Measures

Skin: Immediately wash skin with soap and water. If irritation occurs seek medical advice.  
Ingestion: If swallowed do not induce vomiting. Give large quantities of water and milk. Seek medical attention.  
Inhalation: Remove to fresh air. If breathing becomes difficult, contact a physician.  
Eyes: Flush with plenty of water. Seek immediate medical attention by an Ophthalmologist.

## SECTION V - Fire-Fighting Measures.

The product is not considered to be a fire hazard. The information below are given for extinguishing a fire generated by other sources.

Suitable extinguishing media: Water, Chemical Foam, Carbon Dioxide, or Dry Chemical.  
Forbidden extinguishing media: Not determined.  
Special firefighting measures: None. Wear self contained breathing apparatus.  
Unusual fire and explosion hazards: Heat can cause polymerization with rapid release of energy.  
Special protection equipment: Self Contained Breathing Apparatus if toxic fumes are generated.

## SECTION VI - Accidental Release Measures

Personal precautions: Adopt some precautions of section VII.  
Environmental precautions: Keep spilled material out of sewers.  
Reclaiming methods: Absorb spills with inert material - keep spilled material out of sewers.

## SECTION VII - Handling and Storage

Handling: Avoid unnecessary exposure. Storage: Room temperature. Containers: Supplied by manufacturer.  
Incompatibilities: Avoid the contact with reducing and oxidizing agents, peroxides and amines.  
Other precautions: Use according to directions. Avoid contact with eyes, skin and soft tissue.

## SECTION VIII - Exposure Controls / Personal Protection

General measures: Local Exhaust Ventilation: Good general ventilation should be sufficient to control airborne levels of vapors released by uncured material.  
Limits:TWA: Not determined; TLV: Not determined.  
Respiratory protection: Avoid prolonged or excessive breathing of vapors of uncured material.  
Eye protection: Safety glasses or goggles.  
Skin protection: Respect good personal hygiene practice. Avoid unnecessary exposure.  
Hands protection: Impervious gloves.  
Other equipment: Lab coat.

## SECTION IX - Physical and Chemical Properties

Appearance: Colored/uncolored paste Explosion limits: Not determined Odor: None  
Water solubility: Insoluble Boiling point: Not determined Evaporation rate: Not determined  
Flash point: Not determined

## SECTION X - Stability and Reactivity

Stability: Stable if stored as directed.  
Conditions to avoid: Heat, light, aging and contamination.  
Materials to avoid: Reducing and oxidizing agents, peroxides and amines.  
Hazardous decomposition products: Oxides of Carbon.  
Hazardous polymerization products: May occur.

## SECTION XI - Toxicological Information

Ingestion: Uncured material may be harmful or fatal if swallowed.  
Eye contact: May cause irritation and damage if not removed promptly.  
Skin contact: Prolonged or repeated exposure to uncured material may cause irritation or skin rash.  
Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.  
Prolonged exposure: Not applicable.

## SECTION XII - Ecological Information

There is no specific information on the product. Use according to good working practice. Avoid releasing the product into environment.

## SECTION XIII - Disposal Considerations

Unpolymerized (uncured) material may be hazardous waste.  
Incinerate uncured material and dispose in accordance with local regulations.

## SECTION XIV - Transport Information

Additional Information: Not dangerous cargo.

## SECTION XV - Regulatory Information

CLASSIFICATION IN ACCORDANCE WITH EEC DIRECTIVES.

Hazard Classification Symbol: Xn  
R22 Harmful if swallowed.  
R36-38 Irritating to eyes, respiratory system and skin.  
S36 Wear suitable protective clothing.  
Blend of multifunctional methacrylate


Ingredients determining the label:

## SECTION XVI - Other Information

None.

## CAUTION: PRODUCT FOR PROFESSIONAL USE ONLY

The above information is based on presently available data and to our best knowledge for handling the product under normal conditions. Any use of this product in any way not indicated on this document or using it together with any other process/procedure will be exclusively under the user's responsibility.

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