EndoREZ®
Obturation Kit

EN

Description:
EndoREZ is a biocompatible, methacrylate-based root canal sealer/filler. It is a two-part, mixed dual cure material with optional EndoREZ Accelerator. EndoREZ has hydrophilic characteristics providing penetration into dentinal tubules. The radiopacity is equivalent to gutta-percha, providing simplified radiographic interpretation. EndoREZ does not compromise the function of dentin bonding agents or luting resin polymerization.

Indications for Use:
EndoREZ is designed to be used with EndoREZ Points and/or gutta percha for the filling of cleaned and shaped root canals. EndoREZ, in conjunction with a master cone and accessory cone, provides optimum sealing. Although Endo-REZ Points are recommended, EndoREZ may be used with all conventional endodontic obturation techniques.

Directions for Use:
A. ENDOREZ OBTURATION PROCEDURE WITHOUT OPTIONAL ENDOREZ ACCELERATOR
1. Instrument, clean and disinfect canals thoroughly.
CAUTION: DO NOT USE PEROXIDE, IODINE OR OTHER FREE RADICAL CONTAINING IRRIGANTS OR LUBRICANTS WITH ENDOREZ. IT WILL INHIBIT THE POLYMERIZATION OF ENDOREZ. CHECK PRODUCT INFORMATION BEFORE USING.
2. Evacuate liquid from canals for 2 seconds using Luer Vacuum Adapter with Capillary Tip.
3. Dry canal with paper points for 1-2 seconds each (point should be damp 1-3mm at tip). Canal should be damp, not desiccated, prior to obturating with EndoREZ.
CAUTION: DO NOT desiccate canal as this will cause less tubule penetration of sealer.
4. Fit EndoREZ Point master cone or traditional gutta percha point master cone to length, with tug back, for each canal.
5. Verify fit radiographically. Remove gutta percha from canal and set aside.
6. Remove EndoREZ cap from dual-barrel syringe by twisting counter clockwise. Discard.
7. Attach mixing tip to the dual-barrel syringe by lining up internal cap stems with syringe orifices. Twist clockwise to lock.
CAUTION: Dual-barrel syringe and mixing tip are NOT for intraoral use.
8. Remove small cap from mixing tip and express a small amount onto pad to verify flow.
9. Firmly attach appropriate length NaviTip to Skini syringe.
10. Insert mixing tip into back-end of Skini syringe and dispense enough EndoREZ into syringe to fill all canals.
11. Insert plunger and express air until material begins to flow from NaviTip.
12. Verify flow prior to applying intraorally. If resistance is met, replace tip and re-check.
13. Insert NaviTip into canal to within 2-4mm of apex or shorter if NaviTip binds in canal.
WARNING: To avoid expressing EndoREZ beyond the apex, DO NOT force NaviTip or material into tight canals.
14. Express EndoREZ with light pressure into canal while withdrawing tip. Keep NaviTip orifice buried in material while expressing EndoREZ and withdrawing tip.
15. Fill canal space to canal orifice ONLY.
16. Slowly insert the master cone (Step 5) and seat to working length. Harpoon in accessory cones to fill space as needed.
17. Light cure EndoREZ for 40 seconds.
NOTE: Initial surface polymerization with curing light (without Accelerator) is less than 0.3mm thick and aids in immediate restoration. Use caution not to disrupt surface seal when restoring. EndoREZ is fully polymerized in 20-30 minutes.
18. Trim excess gutta percha with a very hot instrument.
19. Restore.
CAUTION: Do not remove mixing tip until next use. Disinfect EndoREZ dual-barrel syringe and mixing tip with intermediate level disinfectant.

B. ENDOREZ OBTURATION PROCEDURE WITH OPTIONAL ENDOREZ ACCELERATOR
1. Follow steps A.1 – 16 above placing ONLY the master cone.
CAUTION: EndoREZ Accelerator will cause rapid cure of the EndoREZ resin and is intended for use only with accessory cones. Seat master cone and verify apical seal with radiograph PRIOR to inserting accessory cones with Accelerator.
2. Remove cap from EndoREZ Accelerator vial.
3. Dip a #25 or smaller accessory cone to its full length into the vial.
4. Insert accessory cone into filled canal as far as it will go. Place a minimum of 2-3 dipped accessory cones. Avoid excessive movement or pumping action while placing cones.
5. For larger canals, dip and insert additional accessory cones.
6. Re-cap Accelerator vial between canal uses. One vial is enough for approximately 3-5 canals.
7. Continue with steps A. 18 & 19 above.
8. Discard EndoREZ Accelerator vial after each patient.
NOTE: The maximum working time of EndoREZ with Accelerator is 3 minutes and will be fully set in approximately 5 minutes in canal.

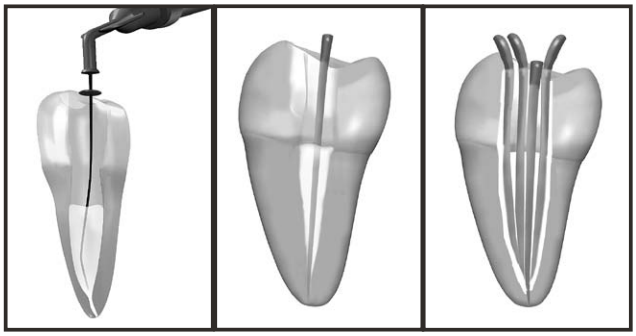
C. ENDOREZ OBTURATION PROCEDURE WITH ACCELERATOR PLACED ON MASTER CONE
1. Follow steps A.1-15 above.
2. Dip pre-fitted master cone into accelerator vial slowly and passively and seat the master cone into the canal to working length.
3. Additional #25 accessory cones can also be dipped and placed passively into the canal.
4. Follow B.5-8 above.
NOTE: Once accelerator dipped master cone has been placed into the tooth polymerization will begin very quickly. This necessitates the clinician to be aware of root length and gutta percha position prior to initiation of polymerization.

Approved chemicals for use with EndoREZ:
Calcium Hydroxide, Citric Acid, EDTA, Chlorhexidine, Metacresylacetate, Formocresol, local anesthetic, saline, H20, Benzalkonium Chloride or Sodium Hypochlorite.

EndoREZ Warnings and Precautions:
1. Carefully read and understand all instructions before using. See individual product inserts for other precautions of products included in this kit.
2. Use only approved chemicals for irrigation, disinfectants, and lubricants. Other chemicals could inhibit set. DO NOT use iodoform gutta percha or irrigants and lubricants containing peroxide, iodine, or other free radicals when using EndoREZ. CHECK MANUFACTURER'S INFORMATION BEFORE USING. Thoroughly rinse ALL irrigants from canal with bacteria free water or local anesthetic as instructed above before placing EndoREZ in the canal.
3. Do not use on patients with known sensitivities to resins, including methacrylates.
4. The Dual Syringe and mixing tip are not intended for intraoral use.
5. Do not use plastic tips or Capillary tips to deliver EndoREZ into canal.
6. To avoid expelling EndoREZ past apex, keep delivery tip at least 2mm short of apical opening and loose in the canal. Do not "pump" delivery tip or gutta percha while expressing material into the canal.
7. To avoid clogging, use only recommended tips to deliver EndoREZ to the canal. Verify flow prior to applying intraorally. Do not overfill. While expressing EndoREZ and withdrawing tip, Clinician should note resin coming upward around the tip orifice.
8. Avoid cross-contamination of dual barrels. DO NOT attach and re-attach the same mixing tip.
9. Verify flow prior to applying intraorally. If resistance is met, replace tip and re-check.
10. Properly dispose of tip and empty syringe after use.
11. The EndoREZ mixing tip acts as the syringe cap between uses. Disinfect mixing tip and EndoREZ syringe with an intermediate level disinfectant after each patient. Change mixing tip BEFORE each use.
12. EndoREZ will not set as hard as standard resin composite.
EndoREZ can be removed for re-treatment or post placement.
EndoREZ will not set on mixing pad when exposed to air.

EndoREZ Accelerator Warnings and Precautions:
1. Carefully read and understand all instructions before using.
2. EndoREZ Accelerator vials are intended for single patient use only. Discard after each patient.
3. EndoREZ Accelerator is dispensed in spill-proof vials. However, use caution to keep vial upright while in use.
4. If gloves become contaminated with EndoREZ Accelerator, avoid contact with soft tissue and skin.
5. Avoid contact with soft tissue. If contact occurs, rinse with copious amounts of water.
6. Do not allow EndoREZ or Accelerator to be ingested.
7. Do not use EndoREZ Accelerator on a master come. Deliver to canal with accessory cones only.

NOTE: For MSDS and other information about using EndoREZ, EndoREZ Points (resin-coated gutta percha), EndoREZ Accelerator or other related products please go to www.ultradent.com.



EN Place NaviTip within 1-2mm of apex. Deliver short of apex with NaviTip loose in canal. Slowly insert master cone, then insert accessory cones as desired.

DE Die NaviTip-Kanüle in 1-2 mm Entfernung von dem Apex positionieren. Abgabe kurz vor der Wurzelkanalspitze, wobei die NaviTip-Kanüle lose im Kanal sitzt. Langsam den Masterpoint, dann nach Bedarf Accessory Points einsetzen.

FR Mettez le NaviTip entre 1 à 2mm de l'apex. Appliquez le matériau en dessous de l'apex avec le NaviTip dégagé dans le canal. Insérez lentement le cône maître, puis insérez les cônes accessoires selon les besoins.

NL Plaats de NaviTip op een afstand van 1-2mm van de apex. Breng het dichtbij de apex aan met de NaviTip los in het kanaal. Steek de hoofdstift er langzaam in en daarna eventuele gewenste hulpstiften.

IT Inserire la punta NaviTip entro 1-2 mm dall'apice. Erogare il prodotto appena sopra all'apice con la punta NaviTip libera nel canale. Inserire lentamente il cono principale e inserire poi i coni accessori in base alle necessità.

ES Coloque la punta NaviTip hasta 1-2 mm del ápice. Dispense a esa distancia del ápice sintiendo la NaviTip floja dentro del conducto. Inserte suavemente el cono maestro, luego inserte los conos accesorios, según desee.

PT Coloque a NaviTip a 1 a 2mm do ápice. Aplique antes do ápice com a NaviTip livre no canal. Insira o cone mestre lentamente e, de seguida, insira os cones secundários como pretendido.

SV Placera NaviTip 1-2mm från mittpunkten. Inför bredvid mittpunkten med NaviTip löst i kanalen. För långsamt in huvudkonan, för sedan in hjälpkonorna som önskat.

DA Anbring NaviTip ca. 1-2 mm fra apex. Tryk materialet ud til et par millimeter fra apex med NaviTip løs i kanalen. Sæt langsomt masterpointen ind og derefter de laterale points efter behov.

FI Aseta NaviTip 1-2 mm:n päähän apeksista. Ruiskuta aine lähelle apeksia siten, että NaviTip istuu löysästi kanavassa. Työnnä päänasta hitaasti sisään ja vie sitten tarvittaessa sisään lisänastoja.

NO Plasser NaviTip innenfor 1-2mm av apex. Administrer inntil apex med NaviTip løs i kanalen. Før hovedkjeglen sakte inn, og før deretter inn tilbehørskjegler etter ønske.

EL Поместите наконечник NaviTip на расстоянии 1-2 мм от верхушки зуба. Доставить материал немного не доходя до верхушки черезNaviTips, со свободным размещением в канале. Медленно вставить главный переходник, а затем, по необходимости, дополнительные переходники.

RU Поместите наконечник NaviTip на расстоянии 1-2 мм от верхушки зуба. Доставить материал немного не доходя до верхушки черезNaviTips, со свободным размещением в канале. Медленно вставить главный переходник, а затем, по необходимости, дополнительные переходники.

PL Wprowadzić końcówkę NaviTip do kanału na odległość 1-2 mm od otworu wierzchołkowego. Jeżeli kanał jest szeroki wprowadzić końcówkę NaviTip bliżej otworu. Powoli wprowadzić ćwiek główny, a następnie w miarę potrzeb ćwieki dodatkowe.

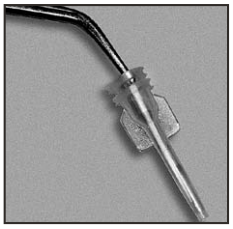
TR NaviTip'i apeksin 1-2 mm gerisine yerleştirin. NaviTip kanalda gevşek duruyor halde maddeyi apeksten biraz önce verin. Ana koniyi yavaşça yerleştirin ve sonra istediğiniz şekilde aksesuar konileri yerleştirin.

AR ضع قمة NaviTip بمسافة ١ إلى ٢ملم من القمة ثم طبق المواد لغاية القمة مع كون NaviTip حرة الحركة داخل القناة. أدخل القمع الرئيسي ببطء ثم أدخل الأقماع الثانوية حسب الحاجة.

KO NaviTip은 선단부(정점) 1-2mm 이내에 설치합니다. NaviTip을 근관에 느슨하게 해두고 선단부에 못 미치는 위치에 공급합니다.매스터 콘을 서시히 삽입시킨 후, 원하는 대로 액세서리 콘을 삽입합니다.

ZH 将NaviTip插入根管1-2mm。确保NaviTip在根管中能自由活动，注意不要让药液溢出。缓慢插入主牙胶尖，而后视需要插入辅助牙胶尖。

TH *ใส่ NaviTip ภายใน 1-2 มม. ของปลายรากฟัน ฉีดปลายรากฟันด้วยปลาย NaviTip ในคลองรากฟัน ค่อยๆ ใส่แกนหลัก จากนั้นใส่แกนสำรองตามที่ต้องการ*



EN Dip accessory cone into EndoREZ Accelerator vial.

DE Den Accessory Point in EndoREZ Accelerator tauchen.

FR Trempez le cône accessoire dans l'ampoule d'EndoREZ Accelerator.

NL Dompel de hulpstift in de EndoREZ Accelerator-flacon.

IT Immergere il cono accessorio nella fiala dell'acceleratore EndoREZ.

ES Sumerja el cono accesorio dentro de la ampolla de Acelerador EndoREZ.

PT Mergulhe o cone secundário no frasco do Acelerador EndoREZ.

SV Doppa hjälpkonan i EndoREZ Accelerator flaskan.

DA Dyp laterale points i EndoREZ accelerator.

FI Upota lisänasta EndoREZ Accelerator -pulloon.

NO Dypp tilbehørskjeglen i EndoREZ akseleratorampullen.

EL Окуните дополнительный переходник в флакон с ускорителем обработки EndoREZ Accelerator.

RU Окуните дополнительный переходник в флакон с ускорителем обработки EndoREZ Accelerator.

PL Zanurzyć ćwiek dodatkowy w fiolce zawierającej EndoREZ Accelerator.

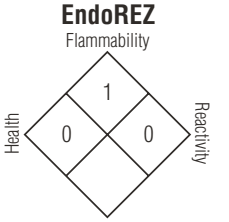
TR Aksesuar koniyi EndoREZ Accelerator şişesine batırın.

AR اغمس القمع الثانوي داخل وسيط التسريع EndoREZ

KO 액세서리 콘을 EndoREZ Accelerator 바이얼 속으로 담급니다.

ZH 将辅助牙胶尖在EndoREZ催化剂瓶中浸泡。

TH *จุ่มแกนสำรองลงในหลอด EndoREZ Accelerator*

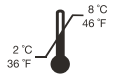




EN- Use by date
DE- Verfallsdatum
FR- Date de péremption
NL- Uiterste gebruiksdatum
IT- Utilizzare entro
ES- Utilizar antes de
PT- Validade
SV- Använd före
DA- Anvendes inden
FI- Viimeinen käyttöajankohta
NO- Bruk før dato
EL- Ανάλωση έως
RU- Использовать до
PL- Termin ważności
TR- Son kullanma tarihi
AR- تستعمل قبل
KO- 소비기한
ZH- 保存期
TH- ใช้ก่อนวันที่



EN- Do not re-use to avoid cross contamination
DE- Nicht wiederholt verwenden, um Kreuzkontamination zu verhindern.
FR- Ne pas réutiliser pour éviter la contamination croisée.
NL-Niet opnieuw gebruiken om kruisbesmetting te vermijden.
IT- Per evitare la contaminazione crociata non riutilizzare.
ES- No lo reutilice, así evitará la contaminación cruzada.
PT- Não reutilizar para evitar a contaminação cruzada.
SV- För undvikande av korskontamination får produkten inte teranvändas.
DA- Må ikke genbruges for at undgå krydskontaminering.
FI- Älä käytä uudelleen ristikontaminaation välttämiseksi.
NO- Skal ikke brukes om igjen, for å unngå smitteoverføring
EL- Μην τοκαναχρησιμοποιείτε για να αποφύγετε τη διασταυρωτική μόλυνση.
RU- Повторное использование не допускается во избежание перекрестного заражения
PL- Używać jednorazowo dla uniknięcia zanieczyszczenia krzyżowego
TR- Çapraz kontaminasyonu önlemek acısından tekrar kullanmayın
AR- يجب عدم إعادة استخدامه لتجنب التلوث المتبادل
KO- 교차오염을 피하기 위해 재사용하지 마시오
ZH- 请勿重复使用，避免交叉污染
TH-ห้ามใช้ซ้ำเพื่อหลีกเลี่ยงการแลกเปลี่ยนการปนเปื้อน



EN- Refrigerate
DE- Kühlen
FR- Réfrigérer
NL- In de koelkast bewaren
IT- Conservare in frigorifero
ES- Refrigerar
PT- Refrigerar
SV- Kyl ned
DA- Opbevares i køleskab
FI- Jäähdytettävä.
NO- Må holdes avkjølt
EL- Το διατηρείτε στο ψυγείο
RU- Хранить в холодильнике
PL- Przechowywać w chłodziarce
TR- Buzdolabında tutun
AR- يحفظ في الثلاجة
KO-냉장하십시오
ZH-冷藏
TH- แช่เย็น



EN- Catalogue number
DE- Katalognummer
FR- Numéro de catalogue
NL- Catalogusnummer
IT- Numero di catalogo
ES- Número de catálogo
PT- Número de catálogo
SV- Katalognummer
DA- Katalognummer
FI- Luettelonumero
NO- Katalognummer
EL- Αριθμός καταλόγου
RU- Номер по каталогу
PL- Numer katalogowy
TR- Katalog numarası
AR- رقم الكتالوج
KO- 카탈로그 번호
ZH- 目录编号
TH- หมายเลขแคตาล็อก



EN-Batch code
DE- Chargennummer
FR- Numéro de lot
NL- Batchcode
IT- Numero di lotto
ES- Código de partida
PT- Código do lote
SV- Satskod
DA- Batchkode
FI- Eräkoodi
NO- Partikode
EL- Κωδικός παρτίδας
RU- Номер партии
PL- Kod serii
TR- Parti kodu
AR- رمز الدفعة
KO- 배치 코드
ZH- 批号
TH- โค้ดชุดที่ผลิต



EN- Toxic
DE- Giftig
FR- Toxique
NL- Giftig
IT- Tossico
ES- Tóxico
PT- Tóxico
SV- Giftigt
DA- Giftig
FI- Myrkyllinen
NO- Giftig
EL- Τοξικό
RU- Токсично
PL- Toksyczny
TR- Zehirli
AR- سام
KO- 독성
ZH- 有毒
TH- เป็นพิษ



EN- Recycle
DE- Recyclen
FR- Recycler
NL- Recyclen
IT- Riciclare
ES- Recicle
PT- Reciclar
SV- Återvinn
DA- Genbrug
FI- Kierrätykseen
NO- Resirkuler
EL- Ανακυκλώστε το
RU- Утилизировать
PL- Poddać recyklingowi
TR- Geri dönüştürün
AR- اعد تدويره
KO- 재활용
ZH- 回收使用
TH- รีไซเคิล



EN- See instructions
DE- Siehe Anleitung
FR- Voir le mode d'emploi
NL- Zie gebruiksaanwijzingen
IT- Vedere le istruzioni
ES- Vea las Instrucciones
PT- Ver instruções
SV- Se bruksanvisning
DA- Se vejledningen
FI- Lue käyttöohjeet
NO- Se instruksjonene
EL- Δείτε τις οδηγίες
RU- Смотрите инструкции
PL- Patrz Instrukcja
TR- Talimatlara bakınız
KO- 지시사항을 확인하십시오
ZH- 参阅说明
TH- ให้ดูคู่มือการใช้



EN- Irritant
DE- Reizmittel
FR- Irritant
NL- Irriterend
IT- Irritante
ES- Irritante
PT- Irritante
SV- Irriterande
DA- Lokalirriterende
FI- Ärsyttävä
NO- Irriterende
EL- Ερεθιστικό
RU- Вызывает раздражение
PL- Drażniący
TR- Tahriş edici
AR- مهيّج
KO- 자극성
ZH- 刺激性
TH- ระคายเคือง



X026 = LOT
X026 = MM
X026 = YYYY

For immediate reorder and/or complete descriptions of Ultradent's product line, refer to Ultradent's catalog or call Toll Free1-800-552-5512. Outside U.S. call (801) 572-4200 or visit www.ultradent.com.

EndoREZ®
Obturation Kit

Manufactured by:
Ultradent Products Inc
505 West 10200 South
South Jordan, Utah 84095 USA
Made in USA

Refrigeration required
For professional use only.
Keep out of reach of children

For product SDS please see our website: www.ultradent.com

ULTRADENT PRODUCTS, INC.

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