



Inspired by Nature. Created for Kids.

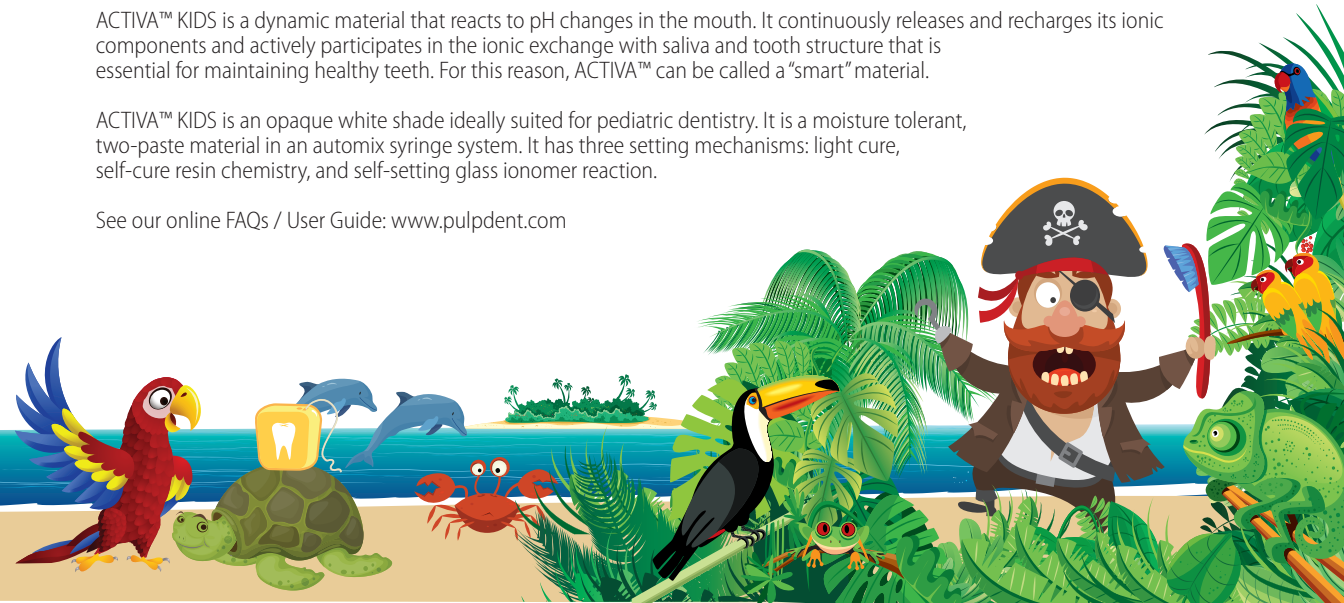
Moisture Friendly • Dual Cure • Fluoride Releasing • Radiopaque
Contains No Bisphenol A, No Bis-GMA, No BPA derivatives

ACTIVA™ KIDS is a strong, durable, dual cure ionic restorative with the esthetics and physical properties of composites. It releases and recharges calcium, phosphate and fluoride, and has a greater potential to recharge these minerals than glass ionomers and traditional RMGIs. The mineral components stimulate apatite formation at the material/ tooth interface that seals margins against microleakage. The patented rubberized-resin resists chipping at the margins.

ACTIVA™ KIDS is a dynamic material that reacts to pH changes in the mouth. It continuously releases and recharges its ionic components and actively participates in the ionic exchange with saliva and tooth structure that is essential for maintaining healthy teeth. For this reason, ACTIVA™ can be called a “smart” material.

ACTIVA™ KIDS is an opaque white shade ideally suited for pediatric dentistry. It is a moisture tolerant, two-paste material in an automix syringe system. It has three setting mechanisms: light cure, self-cure resin chemistry, and self-setting glass ionomer reaction.

See our online FAQs / User Guide: www.pulpdent.com



EU Importers

Leibetseder
Dentalwarenhandel GmbH
Hans-Zach-Straße 2
4210 Gallneukirchen
Austria

Bohumila Siegllová
Kolmá 303
25203 Řitka
Czech Republic

Hu-Fa Dental a.s.
Moravni 909
765 02 Otrokovice
Czech Republic

Cenger Scandinavia A/S
Urlevvej 6 B
8783 Hornslyd
Denmark

Dansk Nordenta A/S
Nydamsvej 8
8362 Hørning
Denmark

Plandent OY
Asentajankatu 6 B
00880 Helsinki
Finland

OPSYSE
18 Allée du Fenouil
ZA Saint Louis
84250 Le Thor
France

KinderDent GmbH
Gutenbergstraße 7
28844 Weyhe
Germany

Ortho Organizers GmbH
Lauenbühlstraße 59
88161 Lindenberg im Allgäu
Germany

Dental Medical Ireland
Kellystown House
Kellystown Lane, Leixlip
Co. Kildare, W23 VF9P
Ireland

Ravelli S.p.A.
Via Darwin 32-34
20019 Settimo Milanese
Italy

Virdental, UAB
Artojų g. 52B, Garliavos
Apylinkių seniūnija
Teleičių kaimas
53273, Kauno Rajonas
Lithuania

Hofmeester Dental B.V.
Andries Copierhof 2
3059 LM Rotterdam
Netherlands

Equadent Sp z o.o.
ul. Pck 12
62-500 Konin
Poland

Lifco Dental AB
Vermästaregatan 1
745 39 Enköpings
Sweden

UNIDENT AB
Västerhavsvägen 2
311 77
FalkenbergSweden

SAFETY DATA SHEET



www.pulpdent.com/info



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PULPDENT®

PRODUCT DESCRIPTION

ACTIVA™ KIDS is the first dental restorative with a bioactive resin matrix, shock-absorbing resin component, and reactive ionomer glass fillers that mimic the physical and chemical properties of natural teeth. It is moisture-friendly and contains no Bisphenol A, No Bis-GMA, and No BPA derivatives.

HOW TO USE THE AUTOMIX SYRINGE

1. Remove cap. If necessary bleed the syringe so that base and catalyst are at the orifice of the syringe barrels. Place a mixing tip on the automix syringe.
2. To ensure an even mix of base and catalyst, dispense 1-2 mm onto a pad and discard this material.
3. Dispense material directly onto the tooth or into the restoration.
4. Discard mixing tip. Recap syringe. Do not cross-contaminate base and catalyst.

APPLY ACTIVA™ TO A DRY TOOTH SURFACE, BUT DO NOT DESICCATE THE TOOTH

Using high volume evacuation, compressed air and/or a cotton pellet, dry and remove all external moisture from the prepared tooth surface. Do not desiccate the tooth, which naturally contains a small amount of water. Ceramic, metal, resin desensitized, prehybridized and cured composite surfaces should be dry.

INDICATIONS FOR USE

Recommended as a bioactive filling material for pits, root surface cavities, and all classes of restorations where there is no pulpal involvement, and for cosmetic restoration of teeth treated with silver diamine fluoride.

CONTRAINDICATIONS

Not indicated for direct placement on the exposed pulp. See instructions for use.

INSTRUCTIONS FOR USE

1. Set curing light to 20-second, low intensity setting.
2. Isolate and prepare tooth to receive a restoration. Ideal margin preparations are rounded with no sharp angles. In Class V lesions, bevel or undercut enamel.
3. Place appropriate pulp protection, if indicated.
4. Etch the prepared tooth with 37-38% phosphoric acid. Etching time for enamel is 20 seconds and for dentin is 15 seconds. Selective etch enamel if desired. After etching, rinse and lightly dry, removing all excess moisture with high volume evacuation, compressed air, and/or a cotton pellet, but do not desiccate the tooth.
5. Apply a bonding agent of your choice in accordance with the manufacturer's instructions for use.
6. Place a mix tip on the ACTIVA™ syringe. Insert syringe into ACTIVA™ SPENSER and snap into place using firm pressure. Dispense material using gentle pressure. To ensure an even mix of base and catalyst, dispense 1-2mm of material onto a mixing pad and discard this material.
7. ACTIVA™ KIDS is a dentin and enamel replacement material. Place mix tip at cavity floor. Apply ACTIVA™ in increments of up to 4mm, keeping mix tip submerged in the material. Light cure for 20 seconds between each layer. Anaerobic self-cure setting time at mouth temperature is less than or equal to 3 minutes. If allowing to self-cure, cover exposed ACTIVA™ surfaces with an oxygen barrier, e.g. glycerin. Finish and polish in the usual manner.
8. ACTIVA™ can also be used with both open and closed sandwich techniques.

Note: Allowing dual cure material to self-cure 20-30 seconds before light curing mitigates polymerization stress and exothermic reaction. Always use 20-second low intensity light setting. Do not exceed manufacturer's recommended curing time. Additional curing may generate excessive heat damaging to the pulp.

CAUTION

Uncured material may cause eye or skin irritation on contact. Dental professionals should wear safety glasses and surgical gloves. Do not exceed manufacturer's recommended curing time for the light you are using.

STORAGE AND HANDLING

- Store tightly sealed in original container at cool room temperature. Avoid direct light, extremes of temperature, contamination and sources of ignition.
- Shelf life of unopened product: 2 years from date of manufacture.
- Re-cap immediately after use.

REPORTING OF SERIOUS INCIDENTS

Any serious incidents involving the device should be reported to the manufacturer and the Competent Authority of the Member State in which the incident occurred, or other appropriate regulatory body. Reports of serious incidents should be sent to:

Pulpdent Corporation
80 Oakland Street, Watertown, MA 02472 USA
Tel: 617-926-6666 / Fax: 617-926-6262 / www.pulpdent.com / email: pulpdent@pulpdent.com

Note: Refer to the Safety Data Sheet for a list of materials present in this product.