

**MAR - 2 2000**Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

Mr. Kenneth J. Berk
Director
Pulpdent Corporation
80 Oakland Street
Watertown, Massachusetts 02472

Re: K994180
Trade Name: Pulpdent Cavity Preparation III
Regulatory Class: II
Product Code: LBH
Dated: December 7, 1999
Received: December 10, 1999

Dear Mr. Berk:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (Pre-market Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the Good Manufacturing Practice for Medical Devices: General (GMP) regulation (21 CFR Part 820) and that, through periodic GMP inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your pre-market notification submission does not affect any obligation you might have under sections 531 through 542 of

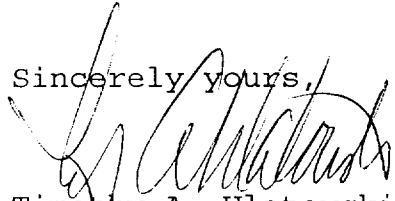
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the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4690. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its internet address "<http://www.fda.gov/cdrh/dsmamain.html>".

Sincerely yours,



Timothy A. Ulatowski
Director
Division of Dental, Infection Control,
and General Hospital Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

INDICATIONS FOR USE STATEMENT

510 (k) Number K 994180
(if known)

Device Name **PULPDENT CAVITY PREPARATION III**

Indications for Use:

Pulpdent Cavity Preparation III is used by the dental professional as one step in the preparation of teeth for veneers, inlays, crowns, onlays, amalgam and composite resin restorations.

Pulpdent Cavity Preparations III, a solution of glutaraldehyde and water, cleans and moistens tooth structure to facilitate bonding with adhesives that require moist surfaces. It can also be used prior to sealing dentin tubules. Recent studies have suggested that this cleansing step reduces micro leakage sensitivity in teeth undergoing treatment or restoration. Sodium fluoride has been included in the formula for **Pulpdent Cavity Preparation III** to enhance the stability of the solution. Pulpdent makes no therapeutic claim with regard to the addition of fluoride.

Please do not write below this line. Continue on another page if needed.

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use or Over-The-Counter Use
(Per 21 CFR 801.109)

Susan R. Moore
(Signature Sign-Off)
Director of Dental, Infection Control
and General Hospital Devices
510(k) Number K994180