510(k) SUMMARY

DENTSPLY

NAME & ADDRESS:

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SEP 2 6 2003

K032892

CONTACT: P. Jeffery Lehn

DATE PREPARED: September 16, 2003

TRADE OR PROPRIETARY NAME: Trubyte® Denture Base Resin System

CLASSIFICATION NAME: Relining, Repairing, and Rebasing Resin 872.3670

PREDICATE DEVICES: Trubyte® Denture Base Resin System (K011560)

DEVICE DESCRIPTION: The TRUBYTE® DENTURE BASE RESIN SYSTEM is composed of five resin formulations: a denture baseplate resin, set-up resin, contour resin, clear resin, and resilient resin. The finished denture base is constructed from a laminate of these resins that are light cured. These new materials bypass the usual "lost wax" process and allow the dentist and technician to develop a trial denture that will become the final denture. It will not be necessary to fabricate a mold or "invest" the trial denture.

INTENDED USE: 1) Fabrication of dentures, appliances and prostheses; 2) Repair of dentures, appliances and prostheses; and 3) Relining of denture surfaces

TECHNOLOGICAL CHARACTERISTICS: All of the components found in the Resins of the TRUBYTE® DENTURE BASE RESIN SYSTEM have been used in legally marketed devices or were found safe for dental use.

The TRUBYTE® DENTURE BASE RESIN SYSTEM resilient resin, uncured and cured, have been evaluated and passed biocompatibility testing for cytotoxicity, mutagenicity, irritation, and sensitization.

We believe that the prior use of the components of TRUBYTE® DENTURE BASE RESIN SYSTEM in legally marketed devices and the biocompatibility data provided support the safety and effectiveness of TRUBYTE® DENTURE BASE RESIN SYSTEM for the indicated uses.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

SEP 26 2003

Mr. P. Jeffery Lehn
Director of Corporate Compliance and
Regulatory Affairs
DENTSPLY International
570 West College Avenue
P.O. Box 872
York, Pennsylvania 17405-0872

Re: K032892
Trade/Device Name: Trubyte® Denture Base Resin System
Regulation Number: 21 CFR 872.3760
Regulation Name: Denture Relining, Repairing, or Rebasing Resin
Regulatory Class: II
Product Code: EBI
Dated: September 16, 2003
Received: September 17, 2003

Dear Mr. Lehn:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate 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) that do not require approval of a premarket approval application (PMA). 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 (PMA), 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 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 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), please contact the Office of Compliance at (301) 594-4613. 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" (21CFR Part 807.97) you may obtain. Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address http://www.fda.gov/cdrh/dsma/dsmamain.html

Sincerely yours,

Susan Runner, DDS, MA
Interim Director
Division of Anesthesiology, General Hospital,
Infection Control and Dental Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

INDICATIONS FOR USE STATEMENT

(As Required by 21 CFR 807.87(e)

510(K) Number (if known): K032992

Device Name: **Trubyte® Denture Base Resin System**

Indications for Use:

The Trubyte® Denture Base Resin System is indicated for:
1. Fabrication of dentures, appliances and prostheses
2. Repair of dentures, appliances and prostheses
3. Relining of denture surfaces

These are the same Indications for Use as previously cleared for K011560.

(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) (Optional Format 1-2-96)

R Beck DDS for Dr K. Mulay

(Division Sign-Off)
Division of Anesthesiology, General Hospital,
Infection Control, Dental Devices

510(k) Number: K032892