

510(k) Summary  
for  
Verify® Dry Heat Label

K053479

1. SUBMITTER NAME AND ADDRESS

JUL 18 2006

Richard Bancroft  
Albert Browne Ltd., a Subsidiary of STERIS Corporation  
Chancery House  
190 Waterside Road  
Hamilton Industrial Park  
Leicester LE5 1QZ  
United Kingdom

Contact: Richard Bancroft  
Telephone number: 44 116 276 8636

Date Prepared: March 21, 2006

2. DEVICE NAME

Proprietary Name: Verify® Dry Heat Label  
Common/Usual Name: Chemical indicator  
Classification Name: Physical/Chemical Sterilization Process Indicator

3. PREDICATE DEVICES

- Dry Heat Sterilization Indicator Tape (SPS Medical Supply Corp., K890758)

4. INTENDED USE

The Verify® Dry Heat Label is a process indicator that undergoes a visual color change from amber to black when exposed to dry heat in a temperature range of 160°C to 180°C.

**5. DEVICE DESCRIPTION**

The proposed Verify<sup>®</sup> Dry Heat Label consists of indicator ink applied to a substrate using a rotary screen printing method. When exposed to dry heat in the temperature range of 160°C to 180°C the indicator ink changes color from amber to black. The indicator is not intended to indicate that specific sterilization parameters have been met, but simply that the indicator has been exposed to a dry heat process.

**6. TECHNOLOGICAL CHARACTERISTICS**

The technological characteristics of the Verify<sup>®</sup> Dry Heat Label indicator and the predicate device are similar. Both the proposed and predicate devices consist of indicator ink applied to a substrate that can be applied to packaged goods prior to dry heat sterilization.

**7. PERFORMANCE TESTING**

Albert Browne Ltd. has performed testing which demonstrates that the Verify<sup>®</sup> Dry Heat Label conforms to the applicable requirements of ANSI/AAMI ST60 for Class I process indicators for dry heat sterilization. Additional testing showed that the indicator performed as designed in dry heat sterilization cycles in the range of 160°C to 180°C.



JUL 18 2006

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

Albert Browne Limited  
C/O Ms. Cynthia J.M. Nolte  
Medical Device Consultants, Incorporated  
49 Plain Street  
North Attleboro, Massachusetts 02760

Re: K053479  
Trade/Device Name: Verify® Dry Heat Label  
Regulation Number: 21 CFR 880.2800  
Regulation Name: Sterilization Process Indicator  
Regulatory Class: II  
Product Code: JOJ  
Dated: July 3, 2006  
Received: July 3, 2006

Dear Ms. Nolte:

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 (240) 276-0115. 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 from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (240) 276-3150 or at its Internet address <http://www.fda.gov/cdrh/industry/support/index.html>.

Sincerely yours,



Chiu Lin, Ph.D.

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

510(k) Number (if known):

Device Name: VERIFY® Dry Heat Label

Indications for Use:

The Verify® Dry Heat Label is a process indicator that undergoes a visual color change from amber to black when exposed to dry heat in a temperature range of 160°C to 180°C.

Prescription Use \_\_\_\_\_  
(Part 21 CFR 801 Subpart D)

AND/OR

Over-The-Counter Use  x   
(21 CFR 807 Subpart C)

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

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Concurrence of CDRH, Office of Device Evaluation (ODE)

*Shirley R. M. [Signature]* 7/18/06  
(Official Sign-Off)  
Division of Anesthesiology, General Hospital,  
Regulation Control, Dental Devices  
Device Number K053479