

# 510(k) Summary

K103150

**Date of Submission of Pre-IDE information:** October 8, 2010  
**Sponsor:** Kimberly-Clark  
**Address:** 1400 Holcomb Bridge Rd, Roswell, GA30076  
**Contact:** Ann Waterhouse, RAC  
**Telephone:** (678) 352-6719  
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SEP 23 2011

**Name of Device:** Kimberly-Clark Pediatric/ Child Facemask  
**Common Name/Classification Name:** Mask, Surgical  
**Classification:** Class II  
**Product Code:** OXZ  
**Regulation Number:** 878.4040  
**Panel:** General & Plastic Surgery

## Indication for Use Statement:

The Kimberly-Clark Pediatric/ Child Facemask, is intended to be worn by the patient/child (recommended ages 5-12) to provide protection for the respiratory tract. It is a single use, disposable device that is provided non-sterile. This Face Mask is recommended for use in a healthcare setting with appropriate adult supervision.

## Device Description:

The Kimberly-Clark Pediatric/ Child Facemask is a three layer mask, constructed of nonwoven polyester blends and polypropylene materials. Bindings are nonwoven polyester and earloops are knitted polyester/lycra. A malleable nose piece is placed within the bindings for comfort and individualized fit around the wearer's nose. The Pediatric/ Child Facemask is appropriately sized to the smaller faces of children across a diverse population. The Pediatric/ Child Facemask is a single use, disposable device, provided non-sterile.

### 510(k) Summary, continued

Consumer evaluation of potential mechanical and physical hazards (e.g., choking, strangulation, tissue tear/injury) as well as the following tests were conducted on the Pediatric/ Child Facemask:

Standard	Title
Mil- M369454C	Military Specifications: Surgical Mask, disposable 1992
ASTM F2101-07	Standard Test Method for Evaluating the Bacterial Filtration Efficiency (BFE) of Medical Face Mask Materials, Using a Biological Aerosol, <i>Staphylococcus Aureus</i>
PSC CS-191- 53	Flammability Test Method (16 CFR 1610) for Flammability of Clothing Textiles
ASTM F2299	Standard Test Method for Evaluating the Initial Efficiency of Materials Used in Medical Masks to Penetration of Particulates Using Latex Spheres
ISO 10993	Standards for evaluating the <u>biocompatibility</u> of a <u>medical device</u>
EN 71-3	Safety of Toys- Part 3: Migration of Certain Elements

All testing conducted on the Pediatric/Child Face Mask met acceptance criteria.

#### Predicate Devices:

K061716      Prestige Ameritech Face Mask  
K082258      CrossTex® Surgical Masks  
K060776      Hong Ya Surgical Face Mask

The Kimberly-Clark Pediatric/ Child Facemask is comparable to the predicate devices cited in terms of materials of composition and performance.

The indications for use are slightly different from predicate devices due to the pediatric population for which this mask is intended to be worn, the differences are not critical to the intended use of the device, and do not affect the safety and effectiveness of the device when used as labeled.

#### Conclusions:

The Kimberly-Clark Pediatric/ Child Facemask have the same or similar intended use and technological characteristics as the predicate devices. Bench testing demonstrates the safety and efficacy of the Pediatric/ Child Facemask to standards cited. The Kimberly-Clark Pediatric/ Child Facemask does not raise any new questions concerning safety and effectiveness. The Kimberly-Clark Pediatric/ Child Facemask is substantially equivalent to referenced predicate devices.



Food and Drug Administration  
10903 New Hampshire Avenue  
Document Control Room - WO66-G1609  
Silver Spring, MD 20993-0002

Ms. Ann Waterhouse  
Associate Director, Regulatory Affairs  
Kimberly-Clark  
1400 Holcomb Bridge Road,  
Suite 1154, Bldg 300  
Roswell, Georgia 30076

SEP 23 2011

Re: K103150  
Trade/Device Name: Kimberly-Clark Pediatric/Child Face Mask  
Regulation Number: 21 CFR 878.4040  
Regulation Name: Surgical Apparel  
Regulatory Class: II  
Product Code: OXZ  
Dated: September 12, 2011  
Received: September 13, 2011

Dear Ms. Waterhouse:

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. Please note: CDRH does not evaluate information related to contract liability warranties. We remind you, however, that device labeling must be truthful and not misleading.

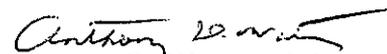
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further 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); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803); 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.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please go to <http://www.fda.gov/AboutFDA/CentersOffices/CDRH/CDRHOffices/ucm115809.htm> for the Center for Devices and Radiological Health's (CDRH's) Office of Compliance. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to <http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm> for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

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 (301) 796-7100 or at its Internet address <http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm>.

Sincerely yours,



Anthony D. Watson, B.S., M.S., M.B.A.

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):** K103150

**Device Name:**

Kimberly-Clark Pediatric/Child Face Mask

**Indications For Use:**

The Kimberly-Clark Pediatric/ Child Facemask, is intended to be worn by the patient/child (recommended ages 5-12) to provide protection for the respiratory tract. It is a single use, disposable device that is provided non-sterile. This Face Mask is recommended for use in a healthcare setting with appropriate adult supervision.

Prescription Use \_\_\_\_\_ AND/OR Over-The-Counter Use  X

(Part 21 CFR 801 Subpart D) (21 CFR 801 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)

*Elizabeth F. Clavien - Williams*  
(Division Sign-Off)  
Division of Anesthesiology, General Hospital  
Infection Control, Dental Devices

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