



Medline Industries, Inc.  
Jennifer Mason  
Senior Regulatory Affairs Specialist  
Three Lakes Drive  
Northfield, Illinois 60093

Re: K202668

Trade/Device Name: Signature Latex and Signature Latex Micro, Powder-Free, Surgical Glove, Tested for Use with Chemotherapy Drugs with a Protein Content Label Claim of <math><50\mu\text{g}/\text{dm}^2</math> per Glove of Extractable Protein

Regulation Number: 21 CFR 878.4460

Regulation Name: Non-Powdered Surgeon's Glove

Regulatory Class: Class I, reserved

Product Code: KGO, LZC

Dated: November 24, 2020

Received: November 25, 2020

Dear Jennifer Mason:

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. Although this letter refers to your product as a device, please be aware that some cleared products may instead be combination products. The 510(k) Premarket Notification Database located at <https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfpmn/pmn.cfm> identifies combination product submissions. 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) for devices or postmarketing safety reporting (21 CFR 4, Subpart B) for combination products (see <https://www.fda.gov/combination-products/guidance-regulatory-information/postmarketing-safety-reporting-combination-products>); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820) for devices or current good manufacturing practices (21 CFR 4, Subpart A) for combination products; and, if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to <https://www.fda.gov/medical-devices/medical-device-safety/medical-device-reporting-mdr-how-report-medical-device-problems>.

For comprehensive regulatory information about medical devices and radiation-emitting products, including information about labeling regulations, please see Device Advice (<https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance>) and CDRH Learn (<https://www.fda.gov/training-and-continuing-education/cdrh-learn>). Additionally, you may contact the Division of Industry and Consumer Education (DICE) to ask a question about a specific regulatory topic. See the DICE website (<https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance/contact-us-division-industry-and-consumer-education-dice>) for more information or contact DICE by email ([DICE@fda.hhs.gov](mailto:DICE@fda.hhs.gov)) or phone (1-800-638-2041 or 301-796-7100).

Sincerely,

For: Elizabeth F. Claverie-Williams, MS  
Assistant Director  
DHT4B: Division of Infection Control  
and Plastic Surgery Devices  
OHT4: Office of Surgical  
and Infection Control Devices  
Office of Product Evaluation and Quality  
Center for Devices and Radiological Health

Enclosure

## Indications for Use

510(k) Number (if known)

K202668

Device Name

Signature Latex and Signature Latex Micro, Powder-Free, Surgical Glove, Tested for Use with Chemotherapy Drugs with a Protein Content Label Claim of <50µg/dm<sup>2</sup> per Glove of Extractable Protein

Indications for Use (Describe)

The surgeon's glove is a device made of natural rubber latex intended to be worn by surgeon's and or operating room personnel to protect a surgical wound from contamination. In addition these gloves were tested for use with chemotherapy drugs in accordance with ASTM D6978 Standard Practice for Assessment of Medical Gloves to Permeation by Chemotherapy Drugs.

The following chemicals have been tested with these gloves.

Signature Latex

Bleomycin (15 mg/ml) >240 minutes  
Busulfan (6 mg/ml) >240 minutes  
Carboplatin (10.0 mg/ml) >240 minutes  
Carmustine (3.0 mg/ml) 12.6 minutes (12.6, 13.1, 12.7)  
Cisplatin (1.0 mg/ml) >240 minutes  
Cyclophosphamide (Cytoxan) (20 mg/ml) >240 minutes  
Cytarabine 100 mg/ml >240 minutes  
Dacarbazine (DTIC) (10.0 mg/ml) >240 minutes  
Doxorubicin Hydrochloride (2.0 mg/ml) >240 minutes  
Epirubicin (Ellence) (2 mg/ml) >240 minutes  
Etoposide (Toposar) (20.0 mg/ml) >240 minutes  
Fludarabine (25.0 mg/ml) >240 minutes  
Fluorouracil (50.0 mg/ml) >240 minutes  
Idarubicin (1.0 mg/ml) >240 minutes  
Ifosfamide (50.0 mg/ml) >240 minutes  
Mechlorethamine HCl (1.0 mg/ml) >240 minutes  
Melphalan (5 mg/ml) >240 minutes  
Methotrexate (25 mg/ml) >240 minutes  
Mitomycin C (0.5 mg/ml) >240 minutes  
Mitoxantrone (2.0 mg/ml) >240 minutes  
Paclitaxel (Taxol) (6.0 mg/ml) >240 minutes  
Paraplatin (10 mg/ml) >240 minutes  
Rituximab (10 mg/ml) >240 minutes  
Thiotepa (10.0 mg/ml) 22.4 minutes (22.6, 22.4, 23.1)  
Vincristine Sulfate (1.0 mg/ml) >240 minutes

Warning: Do not use with Carmustine and Thiotepa

Signature Latex Micro

Bleomycin (15 mg/ml) >240 minutes  
Busulfan (6 mg/ml) >240 minutes  
Carboplatin (10.0 mg/ml) >240 minutes  
Carmustine (3.0 mg/ml) 11.4 minutes (12.0, 11.4, 12.5)

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Cisplatin (1.0 mg/ml) >240 minutes  
Cyclophosphamide (Cytosan) (20 mg/ml) >240 minutes  
Cytarabine 100 mg/ml >240 minutes  
Dacarbazine (DTIC) (10.0 mg/ml) >240 minutes  
Doxorubicin Hydrochloride (2.0 mg/ml) >240 minutes  
Epirubicin (Ellence) (2 mg/ml) >240 minutes  
Etoposide (Toposar) (20.0 mg/ml) >240 minutes  
Fludarabine (25.0 mg/ml) >240 minutes  
Fluorouracil (50.0 mg/ml) >240 minutes  
Idarubicin (1.0 mg/ml) >240 minutes  
Ifosfamide (50.0 mg/ml) >240 minutes  
Mechlorethamine HCl (1.0 mg/ml) >240 minutes  
Melphalan (5 mg/ml) >240 minutes  
Methotrexate (25 mg/ml) >240 minutes  
Mitomycin C (0.5 mg/ml) >240 minutes  
Mitoxantrone (2.0 mg/ml) >240 minutes  
Paclitaxel (Taxol) (6.0 mg/ml) >240 minutes  
Paraplatin (10 mg/ml) >240 minutes  
Rituximab (10 mg/ml) >240 minutes  
Thiotepa (10.0 mg/ml) 12.7 minutes (13.8, 13.1, 12.7)  
Vincristine Sulfate (1.0 mg/ml) >240 minutes

Warning: Do not use with Carmustine and Thiotepa

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Type of Use (Select one or both, as applicable)

Prescription Use (Part 21 CFR 801 Subpart D)

Over-The-Counter Use (21 CFR 801 Subpart C)

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**CONTINUE ON A SEPARATE PAGE IF NEEDED.**

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