

Protective Apparel Fact Sheet

FOR BIOLOGICAL CONTAMINATION

Concerned by recent events, many of our customers have requested information about the use of Kimberly-Clark protective apparel against the possible threat from anthrax.

Here are some facts the user may wish to consider when determining the appropriate personal protective equipment needed in these circumstances.

Information about anthrax may be found at:

CDC: <http://www.bt.cdc.gov/Agent/Anthrax.asp>
or (800) 311-3435; (404) 639-3534

NIH: <http://www.nih.gov>

For additional product information contact Kimberly-Clark at the numbers below. See the attached Product Description chart for ordering information.

Please call 1-800-851-7538 (Kimberly-Clark Technical Help Line) or
1-800-255-6401 (Kimberly-Clark Professional Customer Service) with questions.

- The Anthrax bacterium forms spores approximately 1.0 micrometer in diameter. Kimberly-Clark protective apparel has been tested for viral penetration (ASTM 1671 test procedure). The viral penetration testing indicates that Kimberly-Clark **KLEENGUARD® Ultra**, **REPEL®**, **HAZARD-GARD™ I** and **HAZARD-GARD™ II** apparel provide an effective barrier against organisms up to 30 times smaller than 1.0 micrometer.
- Additionally, **KLEENGUARD® Ultra**, **REPEL®**, **HAZARD-GARD I** and **HAZARD-GARD II** film barrier materials provide 100% particulate barrier.
- **KLEENGUARD® Ultra**, **HAZARD-GARD™ I** and **HAZARD-GARD™ II** are resistant to penetration from bleach, the chemical recommended for anthrax clean-up operations by the CDC (ASTM F903, procedure C). **REPEL®**, **HAZARD-GARD™ I** and **HAZARD-GARD™ II** are also resistant to all ASTM F1001 chemicals including sulfuric acid and sodium hydroxide.
- **HAZARD-GARD™ I** offers a 1.3 mil solid polyethylene film barrier. **HAZARD-GARD™ II** offers a SARANEX 23P film barrier. These garments are available with upgraded seam barriers. **HAZARD-GARD™ I** and **II** are available with bound seams and **HAZARD-GARD™ II** with taped seams. **HAZARD-GARD™ II** is available in both **encapsulated and respirator suits** for those customers requiring garments compatible with supplied air.

All of these coveralls are produced with the patented **REFLEX™** design, offering seams that are primarily on the back of the garment away from the frontal strike zone. A tape sealed storm flap covering the front zipper is standard on all these coveralls.

Kimberly-Clark has not tested its protective apparel specifically against the Anthrax bacterium and therefore cannot make any representation as to the effectiveness of its apparel for this use. The user is responsible for assessing the level of hazardous exposure and determining the appropriate personal protective equipment needed for each circumstance.



For more information about KIMBERLY-CLARK coveralls and accessories or to place an order, call your Kimberly-Clark representative today. Or contact Kimberly-Clark Customer Service at 1-800-255-6401, Fax: 1-800-579-3555.

ORDERING INFORMATION

Code	Product	Description	Color	Size	Count
4523X	KLEENGUARD® Ultra	Coverall with zipper front	Denim Blue	M-2X Large 3X - 4XLarge	24 20
4500X	KLEENGUARD® Ultra	Coverall with elastic back, wrists, and ankles and storm flap	Denim Blue	M-2X Large 3X - 4XLarge	24 20
4502X	KLEENGUARD Ultra	Coverall with hood, elastic back, wrists, and ankles, and storm flap	Denim Blue	M-2X Large 3X - 4XLarge	24 20
4509X	KLEENGUARD Ultra	Coverall with hood and boots, and elastic back, wrists, and ankles, and storm flap	Denim Blue	M-2X Large 3X - 4XLarge	24 20
4541X	REPEL®	Coverall with collar, no elastic with storm flap	White	M-2X Large 3-4X Large	25 21
4542X	REPEL	Coverall with hood and storm flap, elastic wrists, and ankles	White	M-2X Large 3-4X Large	25 21
4543X	REPEL	Coverall with hood, boots, storm flap and elastic wrists and ankles	White	M-2X Large 3-4X Large	25 21
4555X	HAZARD-GARD™ I	Coverall with collar, no elastic with storm flap – serge seams	Gray	M-2X Large 3-4X Large	12 10
4557X	HAZARD-GARD I	Coverall with hood and storm flap, elastic wrists, and ankles – serge seams	Gray	M-2X Large 3-4X Large	12 10
4559X	HAZARD-GARD I	Coverall with hood, boots, storm flap and elastic wrists and ankles – serge seams	Gray	M-2X Large 3-4X Large	12 10
4556X	HAZARD-GARD I	Coverall with collar, no elastic with storm flap – bound seams	Gray	M-2X Large 3-4X Large	12 10
4558X	HAZARD-GARD I	Coverall with hood and storm flap, elastic wrists, and ankles – bound seams	Gray	M-2X Large 3-4X Large	12 10
4560X	HAZARD-GARD I	Coverall with hood, boots, storm flap and elastic wrists and ankles – bound seams	Gray	M-2X Large 3-4X Large	12 10
4562X	HAZARD-GARD™ II	Coverall with collar, no elastic with storm flap – bound seams	White	L-2X Large 3-4X Large	12 10
4563X	HAZARD-GARD II	Coverall with hood and storm flap, elastic wrists, and ankles – bound seams	White	L-2X Large 3-4X Large	12 10
4565X	HAZARD-GARD II	Coverall with hood, boots, storm flap and elastic wrists and ankles – bound seams	White	L-2X Large 3-4X Large	12 10
4564X	HAZARD-GARD II	Coverall with hood and storm flap, elastic wrists, and ankles – taped seams	White	L-2X Large 3-4X Large	12 10
4566X	HAZARD-GARD II	Coverall with hood, boots, storm flap and elastic wrists and ankles – taped seams	White	L-2X Large 3-4X Large	12 10
4569X	HAZARD-GARD II	Respirator Suit, back zipper with storm flap, hood with Mylar® faceshield, booties with boot flaps, elastic wrists with wrist flaps, air inlet	White	L-4X Large	3
4567X	HAZARD-GARD II	Encapsulated Suit, expanded back, back zipper with storm flap, hood with Mylar® faceshield, booties with boot flaps, elastic wrists with wrist flaps	White	L-4X Large	3

Our Guarantee If, for any reason, our products do not meet your expectations, KIMBERLY-CLARK will reimburse you* for your initial purchase, via FREE product, for up to \$1,000. *Guarantee extended to consuming end-user accounts only.

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