



How Simmons Helps You Sleep Safely

About Simmons' FR Protection

Since Simmons was founded in 1870, the safety, health and wellness of our customers and our associates always has been - and always will be - one of our TOP priorities. We want to do everything that we can to address any concerns that you may have.

As of July 1, 2007 all US mattress manufacturers have been required to comply with the Consumer Product Safety Commission's mattress flammability regulation (16 C.F.R. 1633). Even though fire-resistant mattresses may save hundreds of lives every year, we understand that people have questions about the materials used to create fire barriers, and whether prolonged exposure to these materials poses a health risk. We assure you that each of the components used in Simmons' SIMGARD™ mattress fire barrier has been deemed safe by the Consumer Product Safety Commission (CPSC).



The SIMGARD™ fire barrier uses a proprietary blend of flame-resistant components that are **non-toxic** and recognized by the CPSC as being safe for consumers.

The SIMGARD™ fire barrier includes as a component DuPont™ Kevlar® brand aramid fiber. Kevlar fibers, which uniquely combine high strength with thermal protection, have been used in protective materials for firefighters, first responders and the military for over 40 years.

Simmons has used its SIMGARD™ fire barrier in California since the state's mattress flammability standard went into effect in January 2005. Since that time, the company has hired independent auditors to test and ensure that our FR protection meets the requirements of the CPSC regulation.

Simmons has a long history of providing superior workplace safety, and OSHA has recognized the company on numerous occasions for its robust safety and health management program. This past year, OSHA officials singled out Simmons as a safety and health management leader in the bedding manufacturing industry and highlighted Simmons' commitment to employee safety in a testimonial video that will be used in the marketing of an advanced OSHA safety program, the Voluntary Protection Programs.

After evaluating, analyzing or testing hundreds of possible FR components, we feel that we have developed one of the most comprehensive and effective barriers, without compromising the comfort and durability that are hallmarks of the Simmons® brand.

All Simmons® product lines meet or exceed the new Consumer Product Safety Commission federal mattress flammability standard.

Simmons' FR Protection: Frequently Asked Questions

Q: What is your fire barrier made of, and how does it work?

A: Simmons' SIMGARD™ fire barrier uses a proprietary blend of components. One component forms a char layer that helps to create a barrier to oxygen, which is needed for a fire. Another component swells in the presence of heat to create an additional barrier to oxygen to help smother flames. A third component is DuPont™ Kevlar® brand aramid fiber, which combines strength and thermal protection and is used in protective gear for firefighters and the military and is inherently flame-resistant. These components work together to create an effective fire barrier that is non-toxic and is recognized by the CPSC as being safe for consumers.

Q: I've read about the use of boric acid by mattress manufacturers. Does Simmons use boric acid?

A: Simmons does not use any boric acid in its mattresses.

Q: Do Simmons products have PBDE (Polybrominated diphenyl ethers)?

A: All Simmons mattresses have been PBDE-free since 2004.

Q: Where can I go for additional information?

A: A great resource for additional information is the Sleep Products Safety Council's web site – MattressRegulation.org. If you have questions about Simmons' products, please send an e-mail to safesleep@simmons.com.

