



Home Safeguard Industries Chooses Solstice® Propellant for Fire Safety Testing

“Safety while testing smoke detectors is our business. In the past our industry has used hydrocarbons and HFC-134a to test fire and smoke detectors. Solstice® Propellant, a low-global-warming-potential product, allows us to differentiate our products in the market and meet the needs of the environmentally-conscious segment of the industry. A combination of ultra low environmental impact and nonflammability is a real market differentiator.”

Tom Barakat,
Home Safeguard Industries

Smoke detector testers are used regularly to test the working condition of smoke detectors. These testers replicate a fire hazard situation with smoke to activate the smoke detectors within a specified period of time. It is vital that the product replicate the smoke conditions and conform to the manufacturer’s prescribed guidelines.

Home Safeguard Industries (HSI) has evaluated, developed and tested a smoke detector tester trademarked PurCheck™. PurCheck is based on nonflammable Solstice Propellant, an

ultra-low-global-warming-potential product with no ozone depletion potential. “We tested the product and PurCheck performs equally well or better than similar products in the market. The propellant’s unique properties exceeded our expectations and is the best replacement for HFC-134a,” says Margaret Feiter. “When Honeywell started commercializing Solstice Propellant, we saw the potential to create a product that can compete with any HFC-134a product.”

HSI’s PurCheck, PurDustAir and DuctCheck™ now benefit from Solstice Propellant – offering the smoke detector service industry a safe alternative to hydrocarbon-based products and a greener product than the one based on HFC-134a with equal or better performance. Todd Alford, Marketing Manager at Honeywell’s System Sensor confirms that, “Solstice Propellant provides equivalent or improved performance when compared to competitors’ propellants when used in fire safety applications.”

Opening up global markets

The ability to include the benefits of Solstice Propellant in its products means that HSI can now market their products into regions where the use of HFC-134a will potentially be phased out. “Solstice Propellant provides us with new growth opportunities for our products in Europe,” says Margaret Feiter.

About HSI

Home Safeguard Industries develops and manufactures testing materials to perform functional performance testing of smoke, carbon monoxide and heat detectors. HSI's products have been developed in compliance with NFPA72 and all domestic and international rules, regulations and standards. HSI has built an international business designing and manufacturing a full line of proprietary fire safety testing products for smoke, carbon monoxide and heat detectors, and related accessories.

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Find out more

For more information on Honeywell's Solstice Propellant, visit us online at www.Honeywell-Solstice-Propellants.com

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