



MTi Group Chooses Honeywell Solstice® Propellant for Inflatable Mining Products

“Safety is critical for everything we do in the mining environment. When we heard about Solstice® Propellant, its unique vapor pressure profile presented an opportunity for us to produce a safer and more environmentally-friendly product that would compete with any HFC-134a or DME-based product. Our BlastBag Zero™ gas bag with Solstice Propellant performs equal to or better than other products on the market.”

Nicholas Bodley
MTi Group

In the mining industry, inflatable gas bags are critical to conducting blasting operations safely and effectively. They are used for many key aspects of blasting, including the suspension of several tons of explosives in a blast hole. Since they are used in these hazardous applications, they need to comply with regional legislation and standards governing their use, as well as UN codes for dangerous goods. It is also vital that they work every time, as there are considerable safety and cost consequences if they fail during a blasting operation.

MTi Group has developed a new type of gas bag called BlastBag Zero to complement its line of mining products. The aerosol canister used to inflate the gas bag uses Solstice Propellant, which is a non-flammable, ultra-low-global-warming-potential product that has no ozone depleting potential and is not considered a volatile organic compound (VOC). “We have found that our BlastBag Zero product performs equal to or better than other products on the market,” said Nicholas Bodley, Engineering Director for MTi Group. “Solstice Propellant’s unique vapor pressure profile makes it a safer replacement for HFC-134a, and the consistency and reliability of the product has exceeded our expectations.”

Enabling Environmentally-Preferable and Innovative Products

The unique properties of Solstice Propellant also allowed MTi Group to develop Chemeleon™, a temperature-sensitive thermochromatic indicator on the gas bag that helps ensure they are stored and handled safely. Combined with its environmental benefits, Solstice Propellant has helped MTi Group offer an environmentally preferable premium product in markets around the world. “With BlastBag Zero, we can now offer our industry-leading product in regions where the use of HFC-134a will potentially be phased out, said Stuart Warnock, CEO of MTi Group. “BlastBag Zero provides us with new growth opportunities for our products globally.”

About MTi Group

MTi Group is a leading Australian manufacturer of consumable drill and blast products for the mining industry. To learn more about MTi Group, visit <http://zero.mtigroup.com.au/>.

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Find out more

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

Honeywell Solstice Propellant

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