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Latest News

**Unique nuclear radiation-blocking fabric gets patents
Thursday 29th November 2007**

Radiation Shield Technologies (RST) has announced the company's acquisition of Russian and Singaporean patents for Demron, the world's first nuclear radiation-blocking fabric which promises considerable medical applications.



Demron is an advanced radiopaque nano-polymeric compound fused between layers of fabric and manufactured into several lightweight, nuclear-blocking garments.

It is used in medical X-ray vests and aprons as well as in military applications such as full-body nuclear, biological, and nuclear-biological-chemical (NBC) suits and tactical anti-nuclear vests.

Ronald DeMeo, MD, MBA, president and chief executive officer with RST said: "Demron is a liquid metal that feels like fabric and is cool to the touch. It's the world's only full-body radiation protection fabric that shields against X-ray and low-energy Gamma emissions while providing full anti-chemical and biological protection. Demron is a lead-free, toxin-free, and PVC-free nuclear-blocking material that allows heat dissipation and resists chemical permeation and cracks."

Numerous universities and government laboratories have confirmed Demron's ability to block radiation. Demron has several US patents.

Mr DeMeo added: "Demron is receiving extensive recognition in the United States, and we expect the Singapore and Russia patents will enable us to expand Demron's market potential."

Radiation Shield Technologies

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Have YOUR say on any of the issues raised by this radiation-blocking fabric. (Please supply your name and location. Your details will not be published if you so request).

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