

Industrial Manufacturing News

Manufacturing of Products, Plastics, Rubber, Fasteners, Manufacturing Equipment

MORE INDUSTRIAL NEWS: [Manufacturers News](#) | [Electronics News](#) | [Food Processing News](#) | [Oil-Energy News](#) | [Aerospace-Defense News](#) | [Medical Products News](#) | [Logistics-Shipping News](#) | [Industrial Technology](#) | [Electrical News](#) | [Metals-Mining News](#) | [Chemical and Engineering News](#) | [Machinery News](#) | [Robotics News](#) | [Construction-Building News](#)

INDUSTRIAL PRODUCT DIRECTORIES

Manufacturing News
sponsored by
[Manufacturers Directory](#)

[Acrylic Fabricators](#)
[Advertising Bags](#)
[Air Handling System](#)
[Air Pollution Control](#)
[Aluminum Forgings](#)
[Assembly Benches](#)
[Assembly Line Conveyors](#)
[Assembly System](#)
[Automotive Trim](#)
[Brass Bushings](#)
[C Clamps](#)
[Carbide Drills](#)
[Contract Grinding](#)
[Contract Machining](#)
[Cutting Abrasives](#)
[Engineered Composites](#)
[Finishing Equipment](#)
[Fittings](#)
[Foam Fabricators](#)
[Hydraulic Couplings](#)
[Industrial Equipment](#)
[Industrial Fasteners](#)
[Industrial Oven](#)
[Industrial Racks](#)
[Laminating Service](#)
[Laser Markers](#)
[Marking Services](#)
[Material Handling Lift](#)
[Non Destructive Testing](#)
[Nylon Fabricators](#)
[Rubber Bushings](#)
[Parts Feeders](#)
[Pipe Fittings](#)
[Plastic Baskets](#)
[Plastic Bobbins](#)
[Plastic Cap](#)
[Plastic Injection Molding](#)
[Plastic Manufacturers](#)
[Plastic Molding](#)
[Plastic Molds](#)
[Plastic Rods](#)
[Pneumatic Fittings](#)
[Potting Compounds](#)
[Prototype Engineers](#)
[Oil Water Separators](#)
[Rubber Belting](#)
[Rubber Molding](#)
[Rubber Insulators](#)
[Rubber Tubing](#)
[Rubber Washers](#)
[Sewing Contractors](#)
[Slide Gates](#)
[Storage Bins](#)
[Threaded Inserts](#)
[Tubing Cutters](#)
[Waterjet Cutting](#)

[Swire Beverages Expands Relationship with Profit Point to Optimize Its Rapidly Expanding and Changing Manufacturing and Distribution Infrastructure](#) | [Main](#) | [Siperian Delivers Next Generation Master Data Management >](#)

May 08, 2008

Demron Nuclear Radiation-Blocking, Anti-Chemical, Biological-Protection Fabric Granted Australian Patent

MIAMI (Business Wire EON/PRWEB) May 7, 2008 -- Ronald DeMeo, MD, MBA, president and chief executive officer with Radiation Shield Technologies (RST), today announced the company has been granted a new Australian patent for Demron, the world's first nuclear radiation-blocking, anti-chemical and biological-protection material.

Demron, which also has other Australian, United States, Singaporean and Russian patents, is an advanced radiopaque nano-polymeric compound fused between layers of fabric and manufactured into several lightweight, nuclear-radiation blocking garments. Its new Australian patent secures all its applications, including full-body nuclear, biological, and nuclear-biological chemical (NBC) suits, tactical anti-nuclear vests, high-energy suppression blankets, medical X-ray vests and aprons. Its first Australian patent concerns the Demron compound and its manufacturing processes.

"The global demand and deployment of Demron exceeds our expectations and reaffirms its leadership as the only nuclear radiation-blocking material that also provides anti-chemical and biological protection," said DeMeo, the surgeon who developed Demron. "Demron's patents will help us expand its market potential, and we will continue to secure patents worldwide."

Recent deployments include a NATO-funded purchase of a record number of Demron suits for use by the Ministry for Emergency Situations of the Republic of Belarus. Demron also is deployed worldwide by NATO, NASA, the National Guard, US Navy, UAE and the governments of South Korea, China, Saudi Arabia and Australia, among others. Scientists have selected it for space suits for future Mars and other space travel.

"Demron is a liquid metal that feels like fabric, and the suits are cool, lightweight and flexible," DeMeo said. "Demron helps individuals more comfortably perform a broader range of duties and with the confidence of knowing they're well-protected."

Demron suits are made from a unique nanotechnology that surpasses the current NBC suits, which provide limited protection against radioactive sources. It is a lead-free, toxin-free, and PVC-free material that allows heat dissipation and resists chemical penetration and cracks. Demron has proved to block gamma rays and X-rays, as well as other nuclear emissions, by the Lawrence Livermore National Laboratory, part of the National Nuclear Security Administration within the U.S. Department of Energy, as well as the Georgia Institute of Technology and the Columbia University College of Physicians and Surgeons.

About Radiation Shield Technologies (RST)

Radiation Shield Technologies (RST), with headquarters in Miami, is a world leader in the research, design and production of personal-protection systems for ionizing and nuclear radiation. The company's core technology, Demron, is specifically engineered to combine radiation protection with ease of use to maximize radiological defense. For more information, visit www.radshield.com or call 866.7.DEMRON.

MULTIMEDIA GALLERY

<http://www.businesswire.com/cgi-bin/mmg.cgi?eid=5677585>

Posted by Industrial-Manufacturing at May 8, 2008 11:57 PM

Comments

MANUFACTURERS NEWS CATEGORIES

- [Automotive](#)
- [Fasteners](#)
- [Manufacturing Equipment](#)
- [Manufacturing Management](#)
- [Manufacturing PR & Marketing](#)
- [Manufacturing Technology](#)
- [Metals](#)
- [Plastics](#)
- [Products](#)
- [Rubber](#)
- [Textiles](#)

RECENT ENTRIES

[Siperian Delivers Next Generation Master Data Management](#)

[Demron Nuclear Radiation-Blocking, Anti-Chemical, Biological-Protection Fabric Granted Australian Patent](#)

[Swire Beverages Expands Relationship with Profit Point to Optimize Its Rapidly Expanding and Changing Manufacturing and Distribution Infrastructure](#)

[Elmo Motion Control Launches](#)

[the Guitar: The Extraordinary Servo Drive delivering Up to 5KW of continuous qualitative power](#)

[Field-Variable-Focus Infrared Thermometer to be Exhibited by Everest Interscience at Sensors Expo, 6/9-11/08](#)

[Metro Automation USA, Inc. Selects Birdstep's RDM Server v8.0 Embedded Database Server](#)

[Unitrak.com Offers Bulk Materials Handling Solutions by Industry](#)

[KOREANNOVATION Korea Trade Show 2008 Innovative Industry products among 500+ Quality, Quirky, Creative Consumer Products from 50+ South Korean Companies](#)

[New Automotive OEM and Aftermarket Product Invention Revealed On YouTube.com Seeks Manufacturers or Angel Investors](#)

[Applied Microsystems LTD Leverages the Power of Platform-As-A-Service to Successfully Integrate WebSource CPQ with Salesforce via the AppExchange](#)

[Syndicate this site \(XML\)](#)

SEARCH

Search Manufacturing related News Articles on this site:

MAY 2008

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

ARCHIVES

[May 2008](#)

[April 2008](#)

[March 2008](#)

[February 2008](#)

[January 2008](#)

[December 2007](#)

[November 2007](#)

[October 2007](#)

[September 2007](#)

[August 2007](#)

[July 2007](#)

[June 2007](#)

[May 2007](#)

[April 2007](#)

[March 2007](#)

[February 2007](#)

[January 2007](#)

[December 2006](#)

[November 2006](#)

[October 2006](#)

[September 2006](#)

[August 2006](#)

[July 2006](#)

[June 2006](#)

[May 2006](#)

[April 2006](#)

[March 2006](#)

[February 2006](#)

[January 2006](#)

[December 2005](#)

[November 2005](#)

[October 2005](#)

[September 2005](#)

[August 2005](#)

[July 2005](#)

[June 2005](#)

[May 2005](#)

[Home](#)

[April 2005](#)

[March 2005](#)

[February 2005](#)

[January 2005](#)

[December 2004](#)

[June 2004](#)

**SUBMIT PRESS
RELEASE**

Submit Press Release
through [PR Web](#)

Powered by
[Movable Type 3.15](#)