

CleanMed 2006

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Exhibitor News Sampler

New Toxic-free Products Featured at CleanMed: Advances in PVC reduction highlight environmentally-friendly product lines

Bio-based materials 'green' hospitals

Demonstrating its commitment to minimizing the environmental effects of the products it makes, **Arden Architectural Specialties announced that it is phasing out PVC product production and introducing new technologies in bio-based, rapidly renewable and recycled materials.**

Arden Architectural is introducing a new line of corn-based bio-polymer blend wall protection products, including corner guards, crash rails and handrails. Arden Architectural is also showing their current line of entrance mats, grates and stair nosings, all of which contain recycled and bio-based materials.

As part of an ongoing improvement effort, Arden Architectural constantly looks for new ways to reduce, reuse and recycle waste and improve production efficiency while increasing the quality and effectiveness of products. Through these product advances, made with human and environmental health in mind, Arden Architectural helps create toxic-free environments, and leads in developing the use of safer, alternative products.

B. Braun Announces New Product: Cefoxitin in Duplex is coming soon

B. Braun Medical announced the forthcoming release of a new product, Cefoxitin in Duplex. Since it's founding, B. Braun has specialized in delivering innovative healthcare products, medical devices and programs that enhance both patient and health-professional safety.

B. Braun, the first full-line manufacturer of IV solutions in PVC-free, DEHP-free containers, was also one of the first corporations to recommend minimizing their use in medical products. EXCEL® PVC-free, DEHP-free large volume IV containers weigh 28-48% less than comparable PVC containers. B. Braun Medical Inc. provides a broad array of products that give customers an environmentally-friendly alternative to meet their health care needs.

Environmentally Friendly – By Design

LDI Corporation is announcing EnviroLeather™ as an innovative, supple, environment friendly upholstery material used for covering medical procedure tables, recliners and other healthcare furniture.

The key benefit is the environment friendly design. The material is chlorine and bromine free

Hospira Introduces Advancement In PVC/DEHP-Free I.V. Products

With approximately 90 percent of all hospital patients having some form of intravenous (I.V.) therapy, it is vital to address the environmental impact of the manufacture, use and disposal of I.V. containers (or "bags"). **To help provide a better and safer environment for patients, healthcare providers and the global community, Hospira has totally redesigned the I.V. bag and created a next-generation solution – the VISIV™ container.**

WASTE REDUCTION – By using an advanced multilayer plastic film, the VISIV container is the first large volume plastic I.V. bag that eliminates the need for an overwrap. In a standard flexible I.V. container, an external plastic overwrap is used as a moisture barrier to maintain appropriate medication specifications. It is removed and discarded prior to the I.V. bag's use, contributing to hospitals' daily waste.

With no overwrap, the VISIV container results in approximately 40 to 60 percent less waste than other I.V. bags. By reducing the amount of plastic used to package the VISIV container, Hospira supports the United States Environmental Protection Agency's (EPA's) Waste Management Hierarchy, which states that waste should be prevented at the source whenever possible.

By leading the industry to eliminate overwraps from IV Bags, the VISIV container will help lead the elimination of over 20 million pounds of IV Bag overwrap from the US hospital waste stream every year.

DEHP-FREE MATERIALS – For hospitals seeking alternatives to containers containing DEHP (di(2-ethylhexyl) phthalate) or PVC (polyvinyl chloride), the VISIV container is made from PVC- and DEHP-free materials that provide the thermal stability, moisture barrier properties and inertness required for I.V. medications.

with very low emissions. EnviroLeather™ has passed section 01350 Emissions Test for toxic volatile organic chemicals (VOCs). The product offers a luxurious, soft feel with superior chemical and abrasion resistance. It looks, feels, and performs like high-quality leather.

To Your Health: Integrated Pest Management

Modeled on the pest control recommendations of *Health Care Without Harm*, **Orkin's Gold Medal Protection for Health Care** is designed to guide health care providers toward more effective and environmentally friendly pest control practices. The program's rigorous IPM protocols are consistent with the recommendations of the *American Society for Healthcare Environmental Services (ASHES)* and *Hospitals for a Healthy Environment (H2E)*.

Disinfect with 'Tap Water'

Advanced Vapor Technologies announces new nano-tech steam vapor technology that destroys germs without the use of chemical disinfectants. The latest process is called Thermal Accelerated Nano Crystal Sanitation (TANCS) and it delivers disinfection efficacy with a seven-second exposure to the TANCS steam vapor. This innovation was developed by Advanced Vapor Technologies, and independently tested by Nelson Labs of Salt Lake City. Test results show that this technology raises the rate of disinfection and efficiency for disinfection when used with the proper steam vapor protocols.

Because only 'tap water' is used, disinfection can be carried out on a much wider range of areas than when using the registered, chemically based solutions that are traditionally used. Additionally, this process does not have the negative collateral effects that must be considered when using chemically based disinfectants. TANCS with steam vapor now provides a powerful 'Green' alternative for disinfection.

Comprehensive Environmental and Waste Services Program

In 2005, the largest environmental company in North America, Waste Management, Inc., and the world's leading on-site treatment manufacturer, San-I-Pak, Inc., formed an alliance to satisfy the demands of healthcare institutions. **Waste Management Healthcare Solutions is the only national program to provide comprehensive environmental and waste services.**

Selected highlights of this program include:

- *Recycling, *Minimize/eliminate shipping infectious waste through communities, *Customized solutions for managing multiple waste streams, *Maximum cost savings through volume reduction and efficient processing, *Single point of contact and accountability for all environmental needs, and *Adaptable programs designed to minimize ongoing costs.

New Solutions to Medical Waste

Ecolotec LLC, a Huntsville, Ala. Corporation, has announced a new alternative method for the treatment of infectious medical waste. This technology is represented at CleanMed 2006 by Eco Concepts. The Ecolotec system consists of a jacketed pressure/ vacuum vessel using steam injection and internal knife hammers for the sterilization and simultaneous destruction of the waste.

This on-site treatment reduces hospital liability and promotes a safer, cleaner environment.

CleanMed 2006 congratulates all of its exhibitors on their commitment to pursuing health care products and services that reduce the use of toxic chemicals, conserve energy, advance sustainable foods, and reduce and manage waste responsibly. These efforts benefit health professionals, patients and communities, and help create a healthier world.

Advanced Vapor Technologies
Antos Environmental
Arden Architectural Specialties Inc.
Ascent Healthcare Solutions
Braun Medical
Basel Action Network/Center for Environmental Health/Silicon Valley Toxics Coalition
Baxter Healthcare Corporation
BD
Best Bath Systems
Bio Systems
Cascade Asset Management
The Clean Environment Co.
Coastwide Laboratories
Cryovac - Sealed Air Corp.
C-S Group - Construction Specialties Inc.
Daniels SharpSmart Inc
Eco Concepts Inc.
Forbo Flooring
GRACE Factory Farm Project
Health Care Without Harm
Healthcare Waste Solutions
Hospira, Inc.
Hospitals for a Healthy Environment - H2E
JohnsonDiversey, Inc.
Keep Antibiotics Working
LDI Corporation
MEGADYNE Medical Products
Milliken Contract
Mondo USA
Nora Rubber Flooring/Freudenberg
Organic To Go
Orkin Commercial Services
PharmEcology Associates, LLC
Red Bag Solutions, Inc. Safety Institute, Premier Inc.
San-I-Pak, Inc.
Sustainable Industries Journal
Tandus
Techni-Cycle Medical, L.P.
The Organic Center for Education and Promotion
Tornado Industries
Total Reclaim
Turner Construction
Venturi Medical Systems, LLC
Vestara
Wausau Paper