

Press release



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Covestro at the EWMA 2018 Congress in Krakow

Concepts for a modern wound care

Non-swelling foam allows fast fluid transport

The European Wound Management Association Congress – EWMA – from May 9 to 11, 2018 in Krakow, Poland, is all about providing patients with effective wound care and improving their quality of care.

At the accompanying exhibition, Covestro will be presenting material solutions based on the innovative Baymedix[®] polyurethane technology, at Booth D406. It enables efficient production of foams, adhesives, films, bandages and medical gloves. A specialty films portfolio from Platilon[®] completes the offer. The products open up a broad field of application both in modern wound care and in new wearable patch devices.

Foams based on the product Baymedix[®] FP505 are characterized by very good absorption and excellent retention. This allows optimized moisture management.

New non-swelling, thermoformable foam allows fast fluid transport

In addition, at the 2018 EWMA Congress, Covestro will be presenting thermoformable foams made from the Baymedix[®] FD103 aqueous dispersion. Thanks to the microporous cell structure, they can quickly transfer fluids without swelling.

The special feature here is that the foams can be applied in thin layers on a carrier material and later molded into shape through heat and pressure.



Portable electronics on the skin

One possible application is the wearable patch. During manufacture, the foam is sealed to the film and a flat electronic circuit is embedded. Consumers use such thin wearable patch devices to measure their body temperature, blood sugar level or heart rate. In sports and leisure they serve to provide fitness data feedback.

The patches offer great market potential, especially for medical diagnostics and treatment of diseases. Thanks to the thin and breathable layer structure and the use of skin friendly adhesives based on Baymedix® A for fixation Covestro contributes to greater comfort for patients. At the same time, the company uses its experience in medical technology to enable a fast, flexible and cost-efficient production of such composites patches.

About Covestro:

With 2017 sales of EUR 14.1 billion, Covestro is among the world's largest polymer companies. Business activities are focused on the manufacture of high-tech polymer materials and the development of innovative solutions for products used in many areas of daily life. The main sectors served are the automotive, construction, wood processing and furniture, and electrical and electronics industries. Other sectors include sports and leisure, cosmetics, health and the chemical industry itself. Covestro has 30 production sites worldwide and employs approximately 16,200 people (calculated as full-time equivalents) at the end of 2017.

This press release is available for download from the Covestro press server at www.covestro.com. A photo is available there for download as well. Please acknowledge the source of any pictures used.

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Forward-Looking Statements

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