

European Coatings Show 2011:

Increasing Demand for Raw Materials: Solvay Companies Present efficient Solutions for the Paint and Coatings Industry

Hanover, February 2011. The demand for raw materials is an important indicator for the development on the world markets. This can also be seen at the Solvay Group's joint ECS stand. In addition to their product solutions – functional additives and binders for coatings, emulsion paints and printing inks as well as for high-performance polymers for surface protection – Solvay Chemicals and SolVin from Germany and Solvay Bario e Derivati from Italy have shifted their focus toward supply security and availability. **Solvay Chemicals** is among the leading manufacturers of fine and ultra-fine precipitated calcium carbonates in Europe. The functional additives marketed by Solvay under the brand names of SOCAL[®] and WINNOFIL[®] influence the rheological properties and improve the surface finish of dispersion paint and printing inks, coatings and adhesives and polymers.

High-performance polymers –

The focus is on corrosion protection and damp-room barriers

At the ECS, **SolVin** presents a range of possible uses for DIOFAN[®] PVDC latexes to the industry. In addition to their use in sophisticated food and pharmaceutical packaging, areas like water-based corrosion-resistant coatings and building protection have been brought into focus. Due to its excellent barrier to water vapor and oxygen permeation, and to its good resistance to chemicals, the unique polymer polyvinylidene chloride (PVdC) can also be used for interior work and modernizing bathrooms, washrooms and saunas. In modern tiling systems a liquid primer formulation based on DIOFAN[®] PVDC prevents water from penetrating walls. At just 0.15 to 0.3 mm the primary coat is comparatively thin, but it is still thick enough to meet international construction standards on waterproofing comfortably.



“The barrier properties also contribute significantly to the excellent corrosion protection offered by primers made with DIOFAN® PVDC latex as a binder“ emphasizes Matthias Huter, who is responsible for the Marketing and Sales of VdC/PVdC at SolVin. Examples of its use are underbody and part coatings in the automotive industry and pipes for the transport of liquid materials. “These areas are becoming more and more significant“ says Huter and adds “apart from our core markets in the food and pharmaceutical industries, we will continuously develop our DIOFAN® PVDC product range for applications in construction and for corrosion protection.“

The third company of the Solvay Group to be represented is the Italian affiliate **Solvay Bario e Derivati** with its universal Blanc Fixe range; its barium sulfate is a well known and largely used filler for industrial coating. The complete Blanc Fixe product range allows for a large number of flexible solutions for formulating coatings both in automotive and industrial applications, as well as in polymers, paper and batteries.

The joint stand of the Solvay companies is

Hall 9 / Stand 9-341

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