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## **“Solvay Plastics... Innovative Composition” at K2004 International Plastics Trade Fair**

Solvay will hinge its exhibition at the K2004 International Plastics Trade Fair in Düsseldorf, Germany, on the concept of musical composition, which the Group sees as a metaphor for innovation in plastics through the creation of novel works using the full scale of Solvay products.

Solvay's presence at the K2004 Trade Fair, Hall 6 Stand D76, October 20-27, 2004, will highlight the innovations in plastics proposed by different companies of the Group: SolVin, Solvay Benvic, Solvay Solexis, Solvay Advanced Polymers, Solvay Padanaplast, Solvay Engineered Polymers and Solvay Barium-Strontium.

Among others, a totally new transparent high-temperature sulfone polymer, SUPRADEL™ HTS, is being introduced at the fair. With a glass transition temperature of 265°C, it offers the highest heat resistance of any transparent amorphous thermoplastic polymer commercially available today and represents a technological breakthrough. This exceptional thermal performance, combined with other performance features traditionally associated with sulfone polymers, makes SUPRADEL™ HTS a viable material in engineering applications having high-temperature requirements. These include automotive, aerospace, electrical, electronics, and industrial product applications.

Other novelties include a new, nearly water white grade of polysulfone: UDEL® P-1700 HC. The material's hydrolytic stability and resistance to heat and chemicals provides a level of performance that was previously unavailable with high-clarity plastics. Until now, a characteristic yellowness limited the use of polysulfone in certain applications. P-1700 HC provides improved aesthetics for applications such as face shields, protective eye wear, sight glasses, and lighting components, where temperature requirements approach 149°C.

The Group will also feature PRIEX®, a new range of multi-functional additives and NIDACELL™, new honeycomb materials.

The winners of the second SolVin Award for PVC innovation will be distinguished during a ceremony organized on the sidelines of the K2004, on October 25 in Düsseldorf.

The exhibition will include VINYLOOP®, the vinyls recycling process developed by Solvay.

**Solvay** is an international chemical and pharmaceutical group with headquarters in Brussels. It employs more than 30,000 people in 50 countries. In 2003 its consolidated sales amounted to EUR 7.6 billion generated by its three activity sectors: Chemicals, Plastics and Pharmaceuticals. Solvay is listed on the Euronext 100 index of top European companies. Details are available at [www.solvay.com](http://www.solvay.com).

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**Notes to the editors:**

**Solvay Advanced Polymers** offers the broadest range of high performance polymers marketed by any company in the world. Its product line consists of amorphous, semi-crystalline as well as ultra-high performance polymers, which are used in a wide range of demanding applications in the automotive, aerospace, industrial, foodservice, medical, and electronics industries worldwide. [www.solvayadvancedpolymers.com](http://www.solvayadvancedpolymers.com).

**Solvay Solexis**, the company formed following the acquisition of Ausimont by the Solvay Group in May 2002, develops and manufactures research-intensive fluoropolymers, fluorinated fluids and fluoroelastomers. The company is focused on customer-driven research and seeks to continually grow its global position as the leader of innovative fluorinated products for specialty markets. [www.solvaysolexis.com](http://www.solvaysolexis.com).

**Solvay Engineered Polymers** designs and produces thermoplastic polyolefin (TPO) materials for the demanding requirements of specific applications. The company is the largest supplier of these versatile, lightweight, recyclable materials to the North American automotive industry and has significant sales in Europe and Asia. For more information, visit [www.solvayengineeredpolymers.com](http://www.solvayengineeredpolymers.com).

**SolVin**, a leader on the PVC and PVDC markets, results from the combination of the competencies of Solvay and BASF. The company covers both large volume markets and highly demanding applications. As a strongly customer-centered company covering the entire vinyl chain, SolVin is constantly seeking to improve the quality and value added of its products and services. [www.solvinpvc.com](http://www.solvinpvc.com)

**Solvay Benvic** develops, produces and markets a family of thermoplastic products in the form of pellets or powders with a vinyl polymer base. These compounds endow a wide variety of products in targeted Markets and Applications with remarkable properties. Representatives of the newly founded Soligran compounds joint venture in Russia will also be present at the fair. [www.benvic.com](http://www.benvic.com)

**Solvay Padanaplast**, a global leader in the sector of polymer compounding for the pipe and cable markets, is specialized in the development and production of silane-crosslinkable, Halogen-Free-Flame-Retardant and XL-Elastomer compounds. [www.padanaplast.com](http://www.padanaplast.com)

**Solvay Barium-Strontium** developed Blanc Fixe Nanofine, a specially surface-treated filler which significantly improves Epoxy quality. [www.solvay-bariumstrontium.com](http://www.solvay-bariumstrontium.com)

For more news on **PRIEX®**, visit [www.priex.com](http://www.priex.com).