

## At Chinaplas 2014, Solvay Showcases Innovative Solutions for Sustainable Growth in Asia-Pacific Markets

*Differentiated expertise and materials offering to help customers in the region create value with durable and responsible solutions*

**Shanghai, PR China April 22, 2014** – Solvay, an international chemical group and leader in high-performance polymers for demanding applications, at Chinaplas 2014 today, confirmed its active commitment to customers in the Asia-Pacific region with material solutions and dedicated investments, designed to support megatrend industry segments and speed up the time-to-market with responsible answers to challenges in transportation, healthcare, energy and other key sectors.

*“Relying on our global capacities and increasingly stronger regional footprint, we provide our customers with innovative and differentiating solutions that enable them to create value and growth in a sustainable way,”* underlines Frank Laganier, Asia-Pacific Director for Solvay Engineering Plastics. *“China has become a world player in key megatrend industries, and we are here to help our customers make a difference in these markets.”*

Luke Du, General Manager, Greater China and SEA, for Solvay Specialty Polymers added: *“We firmly believe that our growth in Asia depends a lot on China customers and Chinese talents.”* He goes on to say, *“For this reason we are also investing in the expertise and growing skills of local people with enhanced focus on Research & Innovation and Sales & Marketing.”*

Solvay's global Specialty Polymers and Engineering Plastics business units have been leading the developments in new and expanded polymer families targeted at sustainable solutions that help China and Asia-Pacific customers to Move, Connect, Energize, Live and Care.

**Move** – While China and Southeast Asia have made it a priority to fight pollution, Solvay is meeting this need with advanced materials for light-weighting and increased powertrain efficiency in Automotive, High-Speed Trains and Aerospace that help to reduce fuel consumption and emissions: Innovative Technyl® Heat Performance polyamides, Amodel® PPA and Tecnoflon® FKM grades provide high heat performance properties for demanding turbocharged engines and high-efficiency powertrain systems. Sinterline™ Technyl® Powders permit the rapid creation of functional prototypes that significantly reduces development time, while comprehensive MMI Technyl® Design simulation services provide cost-efficient design optimization. Radel® PPSU and Solef® ePVDF foams offer significant weight reduction in structural and insulation applications, and Solef® PDVF for Li-ion batteries as well as Aquivion® PFSA for fuel cells help to drive electric vehicles and alternative fuel solutions.

**Energize & Connect** –Solvay's solutions to the challenges of saving valuable resources are focused on the renewable energies sector, on smart energy management and on the use of advanced bio-sourced materials. Examples include new Halar® ECTFE film grades and UV-blocking technology as well as Solef® PVDF and halogen-free flame retardant Technyl® materials for photovoltaic modules. The new Technyl® One range addresses miniaturization, safety and productivity challenges of the electrical equipment market for energy management and building automation in growing metropolitan areas, while innovative fluoropolymers are targeted at high-performance wafer processing equipment, cleaning tools, wet benches and heat transfer media for the Semicon market. Kalix® bio-based HPPA and Ixef® PARA provide responsible solutions for

durable, thin and aesthetic smart devices. Bio-sourced Technyl® eXten can make a significant contribution to extend the life and power capacity of batteries.

**Live & Care** – In wide application areas where innovative polymers can add to environmental protection and better quality of life, Solvay offers superior materials and services for customers seeking to differentiate themselves among competitors, for instance with Technyl® eXten coatings for thermal insulation in energy-efficient air conditioners. UL certified laboratories ensure compliance with highest electrical protection standards. Solef® PVDF and Udel® PSU for membranes provide the performance properties required for innovative ultrafiltration, nanofiltration and reverse osmosis units in water treatment plants. Solviva® biomaterials offered for use in implantable medical devices, Radel® PPSU for reusable devices that are repeatedly sterilized, Ixef® PARA for replacing metal in single-use instruments, and KetaSpire® PEEK for medical devices exposed to extreme sterilization and aggressive chemicals highlight Solvay's advanced materials portfolio for the healthcare sector.

These comprehensive material solutions and services are backed by committed investments, including a number of important additions to Solvay's strong industrial footprint in China, where capacity expansions at the company's Changshu site for Tecnoflon® FKM and Solef® PVDF performance polymers and compounds are scheduled to go on-stream by end of 2014 and in 2016, respectively. In addition, further capacity increase for Technyl® polyamides at Shanghai's compounding plant will be completed in 2015. Furthermore, Solvay Specialty Polymers has forged a strategic alliance with Shanghai 3F New Material Co., Ltd., to serve the fast growing Asian market with high-performance fluorinated polymers.

With four new Research & Innovation laboratories at locations in China, Korea, India and Japan, Solvay now operates almost half of its R&I labs worldwide in Asia. This strengthens the company's ties with local manufacturers and converters, while enhancing the focus of R&I developments on the needs of customers in the region.

Solvay is exhibiting at Chinaplas 2014 from April 23-26 at Shanghai International Expo Center in Hall N1, Booth A01.

# # #

#### About Solvay Specialty Polymers

Solvay Specialty Polymers manufactures over 1500 products across 35 brands of high-performance polymers – fluoropolymers, fluoroelastomers, fluorinated fluids, semi-aromatic polyamides, sulfone polymers, aromatic ultra polymers, high-barrier polymers and cross-linked high-performance compounds – for use in Aerospace, Alternative Energy, Automotive, Healthcare, Membranes, Oil and Gas, Packaging, Plumbing, Semiconductors, Wire and Cable, and other industries. Learn more at [WWW.SOLVAY.COM](http://WWW.SOLVAY.COM).

#### About Solvay Engineering Plastics

Solvay Engineering Plastics, the global specialist in polyamide-based engineering plastics, has for the past 60 years developed, manufactured and marketed, under the brand Technyl®, a complete range of high performance plastics for the automotive, electrical, construction and consumer goods markets. With a growth strategy bolstered by six production sites worldwide, Solvay Engineering Plastics employs its expertise and innovation capabilities in order to more closely serve the needs of its customers, through a global network of technical and R&D centers. Learn more on Technyl® brand at [WWW.TECHNYL.COM](http://WWW.TECHNYL.COM)

#### About Solvay

As an international chemical group, Solvay ([WWW.SOLVAY.COM](http://WWW.SOLVAY.COM)) assists industries in finding and implementing ever more responsible and value-creating solutions. Solvay generates 90% of its net sales in activities where it is among the world's top three players. It serves many markets, varying from energy and the environment to automotive and aerospace or electricity and electronics, with one goal: to raise the performance of its clients and improve society's quality of life. The group is headquartered in Brussels, employs about 29,400 people in 56 countries and has generated 9.9 billion euros in net sales in 2013. Solvay SA (SOLB) is listed on **NYSE Euronext** in Brussels and Paris (Bloomberg: **SOLB:BB** – Reuters: **SOLB.BR**)

#### Press Contacts

Alan Flower  
Industrial Media Relations  
+32 474 117 091  
[alan.flower@indmr.com](mailto:alan.flower@indmr.com)

Agnes Gao  
Scott PR China  
+86 21 6027 6725  
[agnes.gao@scottpr.cn](mailto:agnes.gao@scottpr.cn)

Jérôme Pisani  
Solvay Engineering Plastics  
+33 4 26 19 70 87  
[jerome.pisani@solvay.com](mailto:jerome.pisani@solvay.com)

Jun Wu  
Solvay Specialty Polymers  
+86 21 2350 1326  
[Jun.wu@solvay.com](mailto:Jun.wu@solvay.com)