

Solvay to Showcase Value-Added Composite Solutions for High-Performance Aerospace and Automotive Applications at JEC World 2016

BRUSSELS, Belgium, March 4, 2016 – At JEC World, Solvay will showcase synergies to further drive lightweighting innovation in both the aerospace and automotive markets, obtained through its recent acquisition of Cytec.

Together, in Hall 5A, Booth K46, Solvay Specialty Polymers, and newly formed Composite Materials (previously Cytec) global business units (GBU), will exhibit a stronger portfolio of thermoset and thermoplastic prepregs, structural and 3D-moldable foams, adhesives and surfacing films, resin and compound systems, impact modifiers, carbon fibers, textiles, tooling and vacuum-bagging consumables.

“By merging the technology platforms of the two business units, Solvay can now offer customers an unmatched range of materials solutions that help aircraft manufacturers build more planes faster and with lower costs in use,” states Armin Klesing, Aerospace and Foam & Sandwich Manager, Solvay Specialty Polymers. “The broadened portfolio encompasses solutions for nearly every material aspect of airplane manufacturing, ranging from the cabin and cargo holds to secondary and primary structural applications. Solvay is therefore well positioned to strategically and holistically support its customers to solve technology challenges in a rapidly changing industry.”

Carmelo Lo Faro, Executive Vice President, Industrial Business Line & Business Development for Solvay Composite Materials added, “Combining the know-how, expertise and assets of Solvay’s Composite Materials with that of Specialty Polymers, establishes a highly integrated materials solution provider for the automotive industry. Through its application engineering competence and newly enhanced global industrial and technological footprint in rapid cure thermoset and thermoplastic composites, films, foams and sandwich solutions for high volume applications, Solvay is ideally placed to meet the automotive OEMs and their supply chain lightweighting needs.”

Solvay will showcase its TegraLite™ thermoplastic light-weighting technology solutions, designed to replace metal and solid plastic structures, based on the world’s broadest range of high performance polymer systems with the complementary innovative skills of 3A Composites, Aonix and JSP. The product range includes TegraCore™ PPSU foams for heavy duty sandwich applications ranging from aircraft interiors to structural parts that require superior resistance to damage, fire, and liquids including water.

Solvay will also feature its new composite materials and technologies for the high volume automated manufacture of complex structures for the automotive and mass transportation industries. These include rapid cure prepregs, high-pressure resin transfer molding (HP-RTM) system as well as innovative double diaphragm forming technology. Primary and secondary structural applications for use on large commercial aircraft will also be on display, underscoring the company’s leadership in supplying advanced composite materials for demanding applications.

We are proud to be honored by the JEC Innovation Award in Automotive Structural Parts for Solvay’s expertise in metal replacement composites relating to a one-shot integrated, weight saving truck cab firewall module manufactured in record cycle time by HBW Gubesch, Germany.

Solvay's commitment to the aerospace and automotive industries has been further strengthened by the recent opening of a new Application Centre in Heanor, in the UK, which marks a major milestone in the company's strategy of collaborating with customers in the development of efficient volume production technologies for composite applications, key to the future of mass transportation. The new center is fully equipped with state-of-the-art automated material formatting and handling solutions as well as rapid-cure processes for high volume manufacturing.

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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-high performance 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 & cable, and other industries. Learn more at www.solvayspecialtypolymers.com.

About Solvay Composite Materials

Solvay's new Global Business Unit Composite Materials is a global provider of technologically advanced lightweighting material solutions that enable our customers in the aerospace, automotive and other demanding industries to design, develop and efficiently manufacture high-quality, high-performance and complex composite structures. Composite Materials has the most extensive product portfolio, including prepreps, resin systems, adhesives and surfacing films, carbon fiber, textiles, tooling and vacuum bagging consumables, thanks to its leadership in advanced materials science, chemistry and application engineering. Solvay Composite Materials combines the former Cytec Aerospace Materials and Industrial Materials businesses.

About Solvay

An international chemical and advanced materials company, **SOLVAY** assists its customers in innovating, developing and delivering high-value, sustainable products and solutions which consume less energy and reduce CO2 emissions, optimize the use of resources and improve the quality of life. Solvay serves diversified global end markets, including automotive and aerospace, consumer goods and healthcare, energy and environment, electricity and electronics, building and construction as well as industrial applications. Solvay is headquartered in Brussels with about 30,000 employees spread across 53 countries. It generated pro forma net sales of €12.4 billion in 2015, with 90% made from activities where it ranks among the world's top 3 players. Solvay SA (**SOLB.BE**) is listed on 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

Alberta Stella

Solvay Specialty Polymers
+39 02 2909 2865
alberta.stella@solvay.com

Claire Michel

Solvay Composite Materials
+44 7 977 53 04 10
claire.michel@solvay.com

Aaron Wood

AH&M Marketing Communications
+1 413 448 2260 Ext. 470
awood@ahminc.com

Marla Witbrod

Solvay Specialty Polymers
+1 770 772 8451
marla.witbrod@solvay.com