

**13<sup>th</sup> September 2011**

**HUNTSMAN PUTS SUSTAINABILITY AND INNOVATION IN THE  
SPOTLIGHT AT COMPOSITES ENGINEERING 2011**

*Huntsman showcases a range of innovative materials and technologies for composite designs*

**Stand no 741, Hall 20  
Composites Engineering, NEC Birmingham  
9-10 November 2011**

At Composites Engineering 2011, Huntsman Advanced Materials will be showing its latest materials, demonstrating how its track record in innovation is continuing apace and being carried into new markets, turning pioneering propositions into sustainable, commercial programmes.

Laetitia Dumora, Composite & Tooling technical support engineer at Huntsman, will be speaking in the Open Technology Forum on Day 2, 10 November, between 13.30 and 14.15. The presentation will discuss the possibilities of building an electric concept car using environmentally sustainable components and processes. This will include insight into the range of innovative solutions the company used and developed especially for the construction of the 'U-Box' – an electric concept car with potential to be used as an industrial site vehicle or for inner city short distance deliveries.

**Latest Materials & Technology Innovations**

Some of the latest technology innovations and product applications utilising rapid tooling, adhesives and structural composites will be on display.

Highlights include:

**Wind and Marine Applications**

- Toughened, Germanischer Lloyd (GL) approved Araldite® adhesives

utilising new chemical thixotropy processes for marine and wind energy applications.

- Epoxy resin infusion systems for large parts production.

### **Automotive Applications**

- The 'U-Box' e-tool; providing information on an urban vehicle for last-mile deliveries, built using environmentally sustainable components. Huntsman developed innovative products used in each stage of the U-Box's construction, including toughened, halogen free and fire resistant resins, flexible composite, thin barrier coatings for OLEDs and composite bonders.
- RenPaste® 4688/Ren® 4688 – Seamless modelling paste suited to a range of high temperature applications, offering superior dimensional stability.
- A composite wheel, designed for the high-performance vehicle market using a toughened Araldite® system and offering better impact resistance than metal wheels and higher fatigue resistance.

### **Latest Products**

- Araldite® 2000+ for all types of plastic substrate bonding, with products from the extensive range including:
  - o Araldite® 2031, a general purpose toughened black epoxy adhesive offering superior structural stability and flexibility together with gap filling properties making it ideal for resilience to vibration.
  - o Araldite® 2060 and Araldite® 2061 – silane terminated polymer, one component, moisture curing adhesives offering superior durability.
- Araldite® AW 4858 / Hardener HW 4858 and the highly temperature resistant Araldite® AW 4859 / Hardener HW 4859 – high strength composite bonders for assembling dissimilar materials.
- Araldite® NanoTech Composite RTM system - designed to withstand shocks without developing micro-cracks, it is ideal for any sector where high stress and impact exposed parts need protection.

- Speciality components for high-end performance industrial products, including curing agents, accelerators, reactive diluents, thermoplastic polyamides and additives.

Through the continuous research and development of new materials and production technologies, Huntsman delivers to customers greater design flexibility, high performance products and reduced development and production costs.

More than 3,000 companies around the world use Huntsman adhesives, tooling materials and composite resins for design, prototyping and manufacturing. In markets such as aerospace, automotive, construction, electronics, marine, power transmission and distribution, sports equipment and wind power generation, Huntsman is leading the way.

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**[www.huntsman.com/advanced\\_materials](http://www.huntsman.com/advanced_materials)**

**About Huntsman:**

Huntsman is a global manufacturer and marketer of differentiated chemicals. Its operating companies manufacture products for a variety of global industries, including chemicals, plastics, automotive, aviation, textiles, footwear, paints and coatings, construction, technology, agriculture, health care, detergent, personal care, furniture, appliances and packaging. Originally known for pioneering innovations in packaging and, later, for rapid and integrated growth in petrochemicals, Huntsman today has more than 11,000 employees and operates from multiple locations worldwide. The Company had 2009 revenues of approximately \$8 billion. For more information about Huntsman, please visit the Company's website at [www.huntsman.com](http://www.huntsman.com).

***Forward Looking Statements:***

*Statements in this release that are not historical are forward-looking statements. These statements are based on management's current beliefs and expectations. The forward-looking statements in this release are subject to uncertainty and changes in circumstances and involve risks and uncertainties that may affect the company's operations, markets, products, services, prices and other factors as discussed in the Huntsman companies' filings with the US Securities and Exchange Commission.*

*Significant risks and uncertainties may relate to, but are not limited to, financial, economic, competitive, environmental, political, legal, regulatory and technological factors. In addition, the completion of any transactions described in this release is subject to a number of uncertainties and closing will be subject to approvals and other customary conditions. Accordingly, there can be no assurance that such transactions will be completed or that the company's expectations will be realized. The company assumes no obligation to provide revisions to any forward-looking statements should circumstances change, except as otherwise required by applicable laws.*

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