

## FOR IMMEDIATE RELEASE

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### Huntsman to Attend JEC World 2022: Enabling the Solutions of Tomorrow Huntsman Booth M 31, Hall 6, JEC World, Paris, May 3-5, 2022

*Huntsman will attend JEC World 2022, highlighting its evolving range of composite solutions, void fillers, and adhesives for automotive, aerospace and industrial applications. Visit **Booth M31, Hall 6** to see how Huntsman's innovative solutions, processes and services can help bring the products of tomorrow to life.*

With more than 70 years of experience developing composite resin technologies, Huntsman scientists collaborate with automotive experts to enable increased performance and accelerated development times. As governments and industries increasingly focus on hydrogen to reach net-zero CO2 emissions, the need for safe, high-performance, mass-produced hydrogen storage tanks is growing. At the event, Huntsman will display innovative **ARALDITE®** solutions that support manufacturers in the design and production of composite pressure vessels.

Huntsman will showcase its latest developments in high-performance resin systems for wet filament winding, RTM and towpreg winding. Latest optimized towpreg systems demonstrate a balance of optimal tack, shelf-life and thermo mechanical properties meeting industry requirements for safety and mass production.

Alongside Pressure Vessels, Huntsman will feature several applications of **ARALDITE®** epoxy resins, **VITROX®** and **RIMLINE®** polyurethane systems for mass production of battery housings, leaf springs, insulation panels and ultralight automotive interior panels, as well as several applications for **e-mobility** using potting, encapsulating, or impregnating resins with outstanding thermal management capabilities that enable higher performance e-motors.

For the wind energy, marine and outdoor assembly industries, Huntsman will highlight its **Adhesives core range** consisting of Epoxy, Polyurethane and Acrylic innovative chemistries.

Huntsman will introduce **ARALDITE® 2080**, a unique structural acrylic adhesive differentiating itself through four main features: It smells 90% less than traditional products, increasing users' satisfaction in confined environment, Its more favourable GHS classification ensuring a more friendly usage with significant savings on personal protective equipment and risk management measures and a flash point above 60°C making the product non-flammable, simplifying storage and transportation, reducing also associated costs. Those three features are not offered at the expense of performance: **ARALDITE® 2080** adhesive allows strong adhesion on most metallic, composites and plastic substrates without requiring specific and long surface preparation, significantly reducing the production time.

Huntsman's booth will also feature another of its latest acrylic adhesives, nominated as a **finalist in the 2022 JEC AWARD competition**: Certified for specialized bonding on wind turbine blades, **ARALDITE® 2051** adhesive is a unique acrylic-type adhesive developed for composites bonding in extreme conditions for the Wind (and Marine) market. A wind-blade repair application will be showcased using this high-performance adhesive able to cure between -20 and +40°C, in wet conditions and even under salt water, allowing repair of composite blades in extreme conditions, enabling up to 50% reduction of downtime for improved productivity and CO2 Emissions savings.

Huntsman will also highlight three pillars of its Aerospace offer:

- The components range for formulators is enlarged and benefits from the addition of **ARALDITE® MY 722**, a multifunctional epoxy resin presenting low viscosity and very long latency, as well as from phenoxy and rubber-based tougheners.
- The adhesives range now includes the abradable void filler **EPOCAST® 1630** and **EPOCAST® 1649-1**, an FST-rated, low density void filler that increases productivity by up to 50%, while reducing material costs by up to 30% for the application of core reinforcement materials.
- The composite offering for Unmanned Aerial Vehicles (UAVs) based on a wide and proven range of 2K systems is complemented by **ARALDITE® 570** a new medium Tg system offering outstanding processing characteristics

as well as exceptional impact resistance. Two new 180°C-cure-1K-RTM composite systems are also complementing the offer for UAVs and commercial aviation: **ARALDITE® 585** composite system shows outstanding thermo-mechanical performance, **ARALDITE® 580** composite system impressive Compression After Impact (CAI) level.

Finally, Huntsman will unveil several applications of **MIRALON®**, a new generation of carbon nanotube-based (CNT) materials that, unlike standard powder CNTs, is available in the form of **sheets, yarns, or pulp**. Classified as articles by the Environmental Protection Agency (EPA), **MIRALON®** materials are comprised of interconnected bundles of ultra-long, entangled nanotubes. This structure drives increased strength, conductivity (almost equal to Single-Wall CNTs), and toughness at low density, with significant performance benefits vs other nanotubes.

Application examples enabled by the unique feature of **MIRALON®** will consist in composite embedded heaters or ESD protection for data cables utilizing **MIRALON® Sheets** but also epoxy conductive adhesive, thermoplastic granulates for compression moulding, or filaments for FFF 3D-printing process, highlighting some of the many uses for **MIRALON® Pulp**.

For more information, speak to Huntsman's experts at **Booth M 31, Hall 6**.

#### About Huntsman:

*Huntsman Corporation is a publicly traded global manufacturer and marketer of differentiated and specialty chemicals with 2021 revenues of approximately \$8 billion. Our chemical products number in the thousands and are sold worldwide to manufacturers serving a broad and diverse range of consumer and industrial end markets. We operate more than 70 manufacturing, R&D and operations facilities in approximately 30 countries and employ approximately 9,000 associates within our four distinct business divisions. For more information about Huntsman, please visit the company's website at [www.huntsman.com](http://www.huntsman.com).*

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#### 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 U.S. Securities and Exchange Commission. Significant risks and uncertainties may relate to, but are not limited to, volatile global economic conditions, cyclical and volatile product markets, disruptions in production at manufacturing facilities, reorganization or restructuring of Huntsman's operations, including any delay of, or other negative developments affecting, the spin-off of Venator Materials Corporation, the ability to implement cost reductions and manufacturing optimization improvements in Huntsman businesses and realize anticipated cost savings, and other financial, economic, competitive, environmental, political, legal, regulatory and technological factors. 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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