

**For immediate release**

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## **HUNTSMAN HAS COATING CHEMISTRIES COVERED AT ECS 2015**

**21 to 23 April 2015, Nuremberg, Germany**

**Visit Huntsman at Stand no 7-567 in Hall 7**

**Wynard, UK** – Huntsman today announced its presence at the European Coatings Show (ECS) in Germany at the end of April. With four of its five business divisions present at this year's ECS, Huntsman will demonstrate the full breadth of its coating capabilities – including a number of new innovations.

Huntsman manufactures a broad range of chemical products designed to drive performance in coatings and printing inks. Core technologies include:

- Intermediate chemistries for the building block stage of coatings formulation to influence production and physical attributes such as reactivity, water and chemical resistance, flexibility, toughness, viscosity levels and color
- Additives that can influence coating characteristics such as gloss, tint acceptance, opacity, rheology and durability
- Biodegradable specialty anionic and non-ionic surfactants that can maintain a high conversion and stability, and replace nonylphenol-based ethoxylates
- Specialty titanium dioxide-based solutions, color pigments and barium sulphate additives to optimize the manufacture, performance, vibrancy and longevity of high quality, solvent- and water-based paints and coatings
- Off-the-shelf and customizable polyurethane raw materials, components and system solutions to boost the effectiveness of industrial coatings such as polyurea and enhance the production and performance of adhesives and elastomers
- Epoxy resins, ambient and heat curing crosslinkers, reactive diluents and specialty additives that can enhance the functionality of high performance, solid, VOC-free, waterborne and multilayer coatings.

At this year's ECS, Huntsman will focus on innovations that open up a world of opportunity for coating companies. For formulators looking to achieve precise pigment properties and color characteristics, these include:

- ADDIPAST™ and CARBOFIN™ carbon black dispersions
- ALTIRIS® infrared reflecting pigment and REFLECT™ mixed metal oxide pigments to increase the solar reflectance of colored coatings
- BLANC FIXE and SACHTOPERSE® specialty BaSO4 products for high-end coatings to improve pigment spacing and chemical resistance
- COLOURPLEX® inorganic pigments for demanding coating applications
- DELTIO® 81X pigment, a low-dust, free flowing pigment that can enhance weather resistance and improve whiteness and gloss
- DISPERFIN® and TIMBASOL® pigment dispersions for wood coatings
- FERROXIDE® iron oxide pigments for clean orange, red and yellow shades with good tint strength and purity
- JEFFLINK® chain extenders to create color stable polyurea, PU and hybrid spray elastomers and coatings
- FDA approved SOLAPLEX® yellow and orange inorganic pigments to replace traditional heavy metal pigments in indirect food contact (FCN 1252) applications
- SACHTLEBEN® RDIS, RDO and RDE2 and TIOXIDE® TR50 titanium dioxide pigments for printing inks

- TIOXIDE® TR88 titanium dioxide pigment for low-VOC and water-based paints
- TINTERSOL® stir-in dispersions for decorative paints and industrial coatings
- TRANS-OXIDE® transparent iron oxide pigments available in red, yellow and brown
- Easy to disperse ULTRAMARINE TR pigments for the delivery of unique blue shades that offer optimum transparency and high strength.

Proposed changes to legislation have resulted in the need to replace MEKO (EXKIN® 2 anti-skinning agent) in alkyd-based paint formulations. Huntsman is promoting its EXKIN® 100 oxime-based anti-skinning agent as an alternative to MEKO that provides very good performance, without affecting overall drying time. Dr Brian Acklam will give a presentation at ECS on MEKO replacement on 21<sup>st</sup> April at 11:30am on Stand 7-734 in Hall 7.

For formulators interested in perfecting priming procedures, Huntsman has developed a flexible, one-component MDI prepolymer for primer applications. Based on Huntsman's proprietary SUPRASEC® technology, the primer is a single solution for a range of substrates including concrete, steel and asphalt, and can cover overlap zones and accommodate expansion and shrinkage caused by shifts in temperature, substrate moisture or load.

For complication-free curing Huntsman offers:

- ARADUR® 20315 curing agent, which exhibits good chemical resistance characteristics in all types of multilayer coatings used in moderate to warm climates
- ARADUR® 20317 aromatic-free curing agent – popular in the formulation of decorative floor coverings thanks to its mechanical stress resistance and very low tendency to yellowing and chalking: free of aromatics, and used in combination with liquid epoxy resins such as ARALDITE® DY-T-1 and ARALDITE® CY 184 resins, ARADUR® 20317 curing agent is suitable for the production of epoxy resin coatings
- Ethyleneamines used as hardeners in both ambient- and heat-cured epoxy systems, and as an intermediate in a wide range of chemical products and resins
- JEFFAMINE® polyetheramines – used as epoxy-curing agents and the building block of choice for countless coating applications including the creation of catalyst-free polyurea coatings.

For formulators focused on improving the environmental credentials of a coating, Huntsman also offers low-emission amines APDEA and DMDPTA for speciality coating creation; and JEFFSOL® alkylene carbonates – a solvent-based technology to replace toxic materials in paints, coatings cleaners.

At ECS 2015, Huntsman will also promote its latest adhesive and elastomer solutions. At the end of February the business launched its VITROX® EST next generation polyurethane resin system, which that cures very quickly and can help in the production of high heat stable modeling, tooling and rapid prototyping boards. In September 2014, Huntsman also launched its SUPRASEC® LM 4702 isocyanate-based prepolymer, which allows adhesive formulators to create bonding solutions with a free diisocyanate monomer weight content of below 1% - the threshold where H351 hazard or R40 risk labelling comes into effect. Unveiled at the trade fair FEICA, the solution is ideal for the creation of reactive hot melt (RHM) adhesives for book binding; box production; sports wear manufacture; the creation of automotive interior parts; and the edge banding and profile wrapping of items of furniture such as kitchen cabinets and work surfaces.

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For more information about Huntsman's comprehensive coating capabilities, high resolution photography or to arrange an interview with the team at ECS 2015, please contact: [natalie@may-fifteen.co.uk](mailto:natalie@may-fifteen.co.uk) / +44 (0) 7714 766106.

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**About Huntsman:**

Huntsman Corporation is a publicly traded global manufacturer and marketer of differentiated chemicals with 2014 revenues of approximately \$13 billion including the acquisition of Rockwood's performance additives and TiO<sub>2</sub> businesses. 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 100 manufacturing and R&D facilities in more than 30 countries and employ approximately 16,000 associates within our 5 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, 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.