

Stand W5610, Hall W5, Shanghai New International Expo Center

### **LANXESS presents three innovative product lines at China Adhesives and Sealants Expo**

**Shanghai, September 5, 2023** – The Urethane Systems (URE) business unit of specialty chemicals company LANXESS brings three innovative product lines at the 26th China Adhesives and Sealants Expo in Shanghai from September 4-6. These include low-free (LF) polyurethane prepolymers, as well as solvent-free and blocked technology.

On the morning of September 5, Jude Zhu, Technical Director of URE APAC, presented “LANXESS Urethane Systems’ Solutions for Adhesives” to customers and industry players in Hall W6.

“LANXESS is a world leader in polyurethane systems for elastomers, coatings, adhesives and sealants,” Zhenglei Zhang, head of URE for Asia-Pacific, said. “We provide our customers with decades of urethane chemistry know-how, comprehensive application expertise, and deep manufacturing experience.”

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At the exhibition, LANXESS displays LF polyurethane prepolymers, one of its most distinctive product lines. It not only meets stringent standards for occupational safety and industrial hygiene and is easy to handle, but also provides excellent performance advantages.

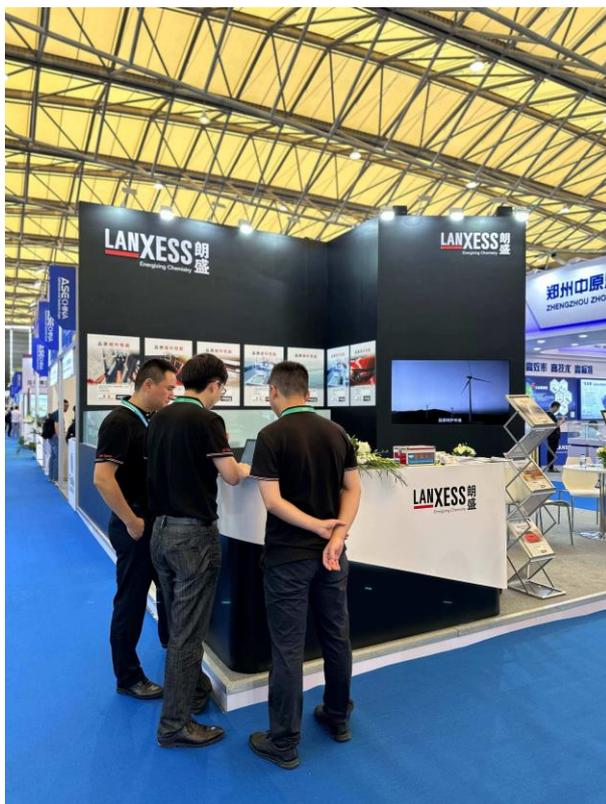
A key property of polyurethane elastomers is microphase separation. With the use of LF technology, prepolymers can be precisely designed to achieve better microphase separation, for example pertaining to the ratio of soft and hard segments. As a result, LANXESS can design and customize final products to meet customer needs, improve tear and abrasion resistance, and mechanical properties of the final product to a certain extent, and help customers to produce elastomers with better performance.

Besides LF polyurethane prepolymers, LANXESS also offers solvent-free and blocked technology to meet the needs of adhesives and sealing applications in various industries.

Among solvent-free systems are Witcobond® aqueous polyurethane dispersions (PUDs) for adhesives and sealants; Royalbond®

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polyurethane bonding systems to reduce solvent usage in recycled foam; Trixene® SC polyurethane prepolymers, which have low viscosity and are liquid at room temperature; and Quasilan® polyurethane prepolymers for laminating adhesives, bonding agents, athletic tracks, playgrounds and industrial adhesives.



Solvent-free products on display also include the Quasilan RB range of modified castor oil polyols and water removers. Modified castor oil provides excellent performance for structural adhesives and potting compounds, has the advantage of optional reactivity, and can provide solutions for different open-time systems. As for the latter, Trixene ASF and AS can be used as water removers for one-component moisture curing adhesive systems, while Trixene AS is odorless and outperforms traditional water removers by virtue of LANXESS's unique low-free technology.

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LANXESS also presents a wide range of blocked technology, including Adiprene BL-blocked TDI prepolymers (MEKO-blocked) for abrasive materials and tools; Trixene BI-blocked TDI prepolymer, cardanol as blocking agent; one-component binder which can be designed to be thermally unblocked, Trixene BI-blocked isocyanate cross-linking agent; and tougheners for epoxy resins, such as epoxy structural adhesives and epoxy tile adhesives. Relevant blocked products are widely used in electronic products, automobiles, power batteries and other fields.

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### About LANXESS

LANXESS is a leading specialty chemicals company with sales of EUR 8.1 billion in 2022. The company currently has about 13,100 employees in 32 countries. The core business of LANXESS is the development, manufacturing and marketing of chemical intermediates, additives and consumer protection products. LANXESS is listed in the leading sustainability indices Dow Jones Sustainability Index (DJSI World and Europe) and FTSE4Good.

### LANXESS China

On January 31, 2005, the company was initially listed on the Frankfurt Stock Exchange and LANXESS Chemical (China) Co., Ltd. officially started operations. LANXESS now has 13 subsidiaries, 5 R&D centers and 5 production sites in Greater China. LANXESS works closely with its local partners to develop market-oriented solutions that meet local market needs.

### Forward-Looking Statements

This company release contains certain forward-looking statements, including assumptions, opinions, expectations and views of the company or cited from third party sources. Various known and unknown risks, uncertainties and other factors could cause the actual results, financial position, development or performance of LANXESS AG to differ materially from the estimations expressed or implied herein. LANXESS AG does not guarantee that the assumptions underlying such forward-looking statements are free from errors, nor does it accept any responsibility for the future accuracy of the opinions expressed in this presentation or the actual occurrence of the forecast developments. No representation or warranty (expressed or implied) is made as to, and no reliance should be placed on, any information, estimates, targets and opinions, contained herein, and no liability whatsoever is accepted as to any errors, omissions or misstatements contained herein, and accordingly, no representative of LANXESS AG or any of its affiliated companies or any of such person's officers, directors or employees accept any liability whatsoever arising directly or indirectly from the use of this document.

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