

## Three-component quasi-prepolymer systems and associated machinery

The Romans-based French company Baulé will highlight its three-component quasi-prepolymer technology and associated machinery at PU China from 18 – 20 September 2012 in Shenzhen, boot number 410.

These quasi-systems are based on MDI and various polyether or polyester polyols. According to **Baulé**, its quasi prepolymer systems can provide certain advantages over the more conventional full prepolymers by offering lower viscosity prepolymers and curatives, lower material temperature for processing, multi-hardness elastomers with the same system, as well as better environmental and health care.

These systems are also available in new mercury-free catalyst versions. The main advantage lies in a short demoulding time, enabling increased productivity. The mercury-free MDI-based systems have already been successfully field tested by customers and demonstrate good mechanical properties, long pot-life, and short demoulding time, says Baulé.

In addition, the company will present a **U3M Universal** dispensing machine for three-component quasi-MDI or TDI-blend systems with an output of up to 10 kg/min, equipped with additive and pigment injection.

Moreover, Baulé announced it will expand its Technical Centre in Pudong, Shanghai, with a two-component and a three-component **Co**

Baulé offers one of the widest product portfolios of castable PU systems based on almost all isos and polyols available. The system range covers all the conventional cast PU formulations with TDI, MDI and quasi-MDI-based systems. The portfolio also includes NDI, PPDI as well as aliphatic-based prepolymers. Most of these systems are available in ether and ester series, as well as polycarbonate series. Furthermore, the company offers solutions to industrialise all scales of cast PU part productions, from cost effective machines to the most flexible casting units. The low pressure dispensing machine range includes equipment with 2 – 6 components and 0.1 – 500 kg/min output.

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