

Product Presentation

Title of the lecture:

Low viscous bio-based poly isocyanate for coating applications

Subject classification:

- Coating raw materials
- Printing ink raw materials
- Adhesive raw materials
- Intermediates for construction chemicals
- Laboratory and production equipment
- Testing and measuring equipment
- Application
- Environmental protection and safety at work
- Services

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Function: Application Development Manager for Construction Applications

Abstract (please in English language only):

Sustainability is increasingly influencing the product and purchasing decisions of coatings customers, brand owners, and consumers. In response, Covestro has been developing partly bio-based poly isocyanates for several years. But so far, these have had limited use in solvent-free or very high-solids applications.

Now, we have reached a new milestone on this journey with Desmodur® CQ ultra N 7500 and Desmodur® CQ ultra N 7600. These low-viscosity, solvent-free aliphatic polyurethane crosslinkers have 70% renewable carbon content and showed outstanding results in hazard assessments for acute inhalation toxicity. They can be used in construction, automotive, and several other applications without viscosity issues.