

Vencorex launches new bio-based aliphatic isocyanate polymer

Vencorex has launched a novel product for the coatings industry during the recent European Coatings Show in Nuremberg, Germany. Tolonate X FLO 100 a new, partially bio-based, solvent-free aliphatic isocyanate polymer.

According to **Vencorex**, while providing very low viscosity in formulations, **Tolonate X FLO 100** demonstrates outstanding properties, ideal for polyurethane and polyurea materials.

[image_0] “This new chemical structure is a significant first step towards a 'greener' offering from the isocyanate industry,” explained **Per Erik Velin**, Global Marketing and Sales Director for HDI & derivatives at Vencorex. The material contains 25 % renewable material according to **ACDV's (Association Chimie Du Végétal)** evaluation or 32 % “green carbon” according to Carbon 14 measurement following ASTM D6866 standard.

“The products exhibits extremely low viscosity at 100 % solids, enhancing flow and levelling properties, it is especially suitable for use in low VOC, solvent-free coatings in the automotive industry as well as being suitable for use in polyurea coatings,” added **Philippe Barbeau**, Innovation & Market Development Director.

Tolonate XFLO 100 can be used in a large variety of polyurethane and polyurea materials as:

- crosslinker,
- reactive diluents in two pack (2K) systems,
- building block for resins and polymers design.

Tolonate X FLO 100 is a patented chemical structure registered in China, Taiwan, Korea, Japan, USA and considered as a polymer in Europe.

“The company has gone through many changes over the years, our intention remains unchanged, however”, says **Sutin Chamulitrat**, Vencorex VP Global Marketing & Sales. “We continue to strengthen the relationships with our customers, with the belief that the partnerships that we have had will allow us to identify unmet needs, therefore be able to develop together the solutions that the industry is looking for.”

As a key supplier for the polyurethane industry, Vencorex aims to develop alternative environmentally-friendly technologies and new materials to yield savings in energy, time and money through an improved productivity.

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