

A More Sustainable Approach to Formulating Adhesives and Sealants

Carlos Feito, Technical Director
Elementis Specialties, Cologne, Germany

Abstract:

Fomulators, producers and endusers of coatings, adhesives and sealants are focusing more and more on sustainability. Key for differentiation are the choice of raw materials that support the defined company strategy.

Rheology control of coatings, adhesives and sealants is essential for success in performance. ELEMENTIS THIXATROL® additives are widely used in sealant formulations. Main characteristics are an easy and quick activation, use in a variety of solvent containing or solventfree systems Newly developed THIXATROL® additives provide the possibility to run activation temperatures down to 35 °C, develop high structure built and thixotropy at low loading levels and excellent structure conservation upon storage.

At a first glance the content of green and renewable chemicals in coatings, adhesives and sealant raw materials seem to be the most important criteria. The presentation will show that New THIXATROL® additives allow to create furthermore sustainability benefits on top of high performance products.

Biography Carlos Feito

In 1994 Carlos Feito finished the study of paint and application technology at the university of Paderborn (Germany). For three years he gained experience in developing intumescent coating systems at Herberts GmbH. In 1997 he moved to the Automotive area of DuPont where he guided teams in development and customer support. In 2007 he moved internally to the industrial segment and led the Product Management for the German speaking countries. Since 2013 he is working for Elementis Specialties in Cologne as Technical Director for the region Europe, Middle East, India & Africa. On a global base he is responsible for the development of additives for the industrial sector.

Contact Information Speaker Elementis Specialties

Carlos Feito Fraile

Technical Director BU Coatings

carlos.feito@Elementis.com

Tel: +49 221 2923 2020

Fax: +49 221 2923 2010

Mobil: +49 173 5390104

Elementis GmbH - Stolberger Strasse 370 - 50933 Cologne, Germany