

Dr. Leif Ickert\*, Pritesh Patel, Manos Roumpelakis, Liyin Zhou, Sabine Naumann,  
Phoebe Xu, Cindy Wang and Christina Cron  
Evonik Resource Efficiency GmbH  
DE-Marl

## **NOVEL ULTRA-FAST CURING AGENT FOR ADHESIVES APPLICATIONS**

### **ABSTRACT**

In response to market demand for increased productivity and environmental friendliness, Evonik designed a new ultra-fast 2K epoxy hardener for structural adhesives applications.

This new curing agent - Ancamine® 2914UF - not only sets within 10 minutes at ambient temperature, but also offers ultra-fast cure speed along with rapid property development. Other key benefits of this

product is that it is an odorless non-Mercaptan, 100% solids, BPA-, nonyl phenol- and benzyl alcohol-free curing agent. Additionally, it provides excellent mechanical properties and good thermal resistance. This makes Ancamine® 2914UF an ideal choice for structural and general-purpose adhesives, where it allows end users to improve production throughput.