

## **Specialty Components: The ideal tool box for innovative formulation chemists**

Presented by: Martin Gerlitz

Huntsman Advanced Materials has for a long time been very well known in the coating and construction industry as a reliable supplier of epoxy resins and amine hardeners for a long time (dating back to former CIBA-times). After the creation of the new “Specialty Components” business unit, we are now able to provide a much broader component portfolio to chemists and formulators as a perfect tool box for a huge variety of applications to improve the performance of their products.

Besides high purity grades of epoxy resins and reactive diluents for low viscosity and higher functionality, we also offer special grades of higher functional novolac resins based on dicyclopentadiene, to achieve an outstanding low water adsorption in comparison to all other epoxy systems.

Another very important product group are glycidylamines, where we offer 3- and 4-functional products, combining low viscosity (compared to novolacs and epoxy resins) with a high functionality, to achieve higher glass transition temperatures in the final products together with excellent mechanical properties.

We will also present our range of catalysts and accelerators, which also includes a latent accelerator that can be used for formulating one component epoxy systems with excellent shelf-life, and subsequently be cured at temperatures above 100°C.

Finally a new class of products: Benzoxazines will be presented, which can be used as replacements for halogen-containing epoxies in flame retardant applications.