

Thinking blue with Nouryact®

**The next generation of thermoset
accelerators**

We are proud to present our new range of cobalt-free and low-cobalt accelerators. These innovative products offer more sustainable alternatives to traditional cobalt octoate and cobalt acetate. In fact, sustainability is at the heart of everything we do. At AkzoNobel we see oceans of opportunities that benefit our customers and the world around us.

www.akzonobel.com/polymer



AkzoNobel

Tomorrow's Answers Today

Nouryact® Cobalt alternative accelerators

Innovation continues unabated and we're now leading the way with a new generation of more sustainable thermoset accelerators.

Our Nouryact Cobalt alternative accelerators are based on Copper, Manganese and Iron and can be used as alternatives for conventional Cobalt-based accelerators, while maintaining existing cycle times and mechanical properties.

The products offered below are developed as part of our continuous drive towards an innovative, Cobalt-free composites world. We strive to offer a suitable curing system for all your applications.

Nouryact CF12

- Copper based accelerator complex #1:
- For ambient cure applications
- Used to pre-accelerate Vinylester resins allowing curing with Butanox M50 (standard MEKP) without gassing

Nouryact CF13

- Copper-based accelerator complex #2:
- For ambient cure applications
- To increase pot life of the resins without geltime drift

Nouryact CF20

- Manganese-based accelerator complex
- For ambient and elevated cure applications
- Very low discoloration after curing

Above accelerators are all highly reactive and can be used in most standard UP resin types, including VE and DCPD resins. They can be fine-tuned on geltime, time to peak and peak exotherm.

Product Data Sheets are available at www.akzonobel.com/polymer. On request we also provide basic test data. Please note that above accelerators contain polar stabilizers and are not recommended for use in marine gelcoat resins.

Nouryact® low-Cobalt accelerators

We also offer a range of accelerators based on Cobalt/Copper metal complexes which will significantly reduce the Cobalt level in your curing system.

Nouryact 553S

- Non-toxic low-Cobalt metal complex
- To pre-accelerate VE resins and cure with Butanox M50 (MEKP) without gassing

Nouryact 383S

- Non-toxic low-Cobalt metal complex
- Used in standard isophthalic UP resins to reduce geltime drift

Nouryact LCC9

- Low Cobalt metal complex
- Same reactivity but with 50% less Cobalt
- Clear and low color curing
- Increased pot life of the resin: no geltime drift

The Perfect Match

Gelling and curing characteristics of the new Cobalt alternative accelerators depend on resin type and organic peroxide used. We can recommend a low-Cobalt or Cobalt-free curing system that matches your specific application. The Nouryact product portfolio also perfectly matches the strong eco profile of our Butanox® and Perkadox® phthalate-free curing agents.

For more information please contact us:

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