

New heat stable hardener that dries at ambient temperature

- Saves energy and costs
- Protects against corrosion even under insulation
- Heat stable up to 650° Celsius

Germany, Essen. Energy and costs can now be saved when coating heat-stable surfaces: The new TEGO® Cure 100 hardener from Evonik ensures that the coating cures at room temperature. This eliminates the need for costly and energy-intensive drying in the oven. At the same time, the surface is heat-stable up to 650° Celsius during application.

TEGO® Cure 100 was specially developed for surfaces that are continuously exposed to high temperatures, such as ovens, pipes, or machines that become very hot during operation. The hardener is suitable for silicone resins as well as silicone combination resins and offers a whole range of other advantages. The hardener improves the corrosion protection of the coating, especially when it is under an insulating layer. In addition, the high solids content of more than 99% reduces solvent emissions to a minimum.

"Our new hardener meets the ever-increasing regulatory requirements," explains Maximilian Morin, head of the Industrial & Transportation Coatings market segment. "We are convinced that the new hardener will be a future-proof component in our customers' formulations."

The new silicone resin-based hardener is particularly suitable for direct-to-metal coatings, allowing costly multi-layer build-ups to be avoided. Thanks to its high resistance to corrosion, chemicals, and weathering, even single-layer systems offer high surface protection.

TEGO® Cure 100 is very easy to handle. Even though it is a highly reactive hardener, it has a wide processing window and is also stable in storage over a very long period.

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Technical, regulatory, and safety data sheets for TEGO® Cure 100 can be found at www.coating-additives.com.

Company information

Evonik is one of the world leaders in specialty chemicals. The company is active in more than 100 countries around the world and generated sales of €12.2 billion and an operating profit (adjusted EBITDA) of €1.91 billion in 2020. Evonik goes far beyond chemistry to create innovative, profitable and sustainable solutions for customers. About 33,000 employees work together for a common purpose: We want to improve life today and tomorrow.

About Specialty Additives

The Specialty Additives division combines the businesses of versatile additives and high-performance crosslinkers. They make end products more valuable, more durable, save more energy and simply better. As formulation experts in fast growing markets such as coatings, mobility, infrastructure and consumer goods, Specialty Additives combines a small amount with a big effect. With its 3,700 employees the division generated sales of €3.23 billion in 2020.

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