



Description

Octa-Soligen[®] Zink is a secondary drier that improves the through-drying and hardness of the paint film. It is always used in combination with primary driers (cobalt, manganese or vanadium compounds).

Supply form

Octa-Soligen[®] driers are based on metal salts of 2-ethylhexanic acid (octoates) or their isomers.

We supply zinc octoates with different metal contents that meet the specific requirements of various applications:

Products	Applications
Octa-Soligen [®] Zinc 8	solvent-borne systems
Octa-Soligen [®] Zinc 10	
Octa-Soligen [®] Zinc 12	
Octa-Soligen [®] Zinc 18	
Octa-Soligen [®] Zinc 10 aqua	water-borne systems
Octa-Soligen [®] Zinc 16 HS	VOC-reduced and High-Solid coatings

Properties

The primary function of zinc is to keep the paint film "open". This results in better through-drying – especially in the case of fast drying systems and baking systems – and prevents wrinkling and orange peel on the surface of the paint film. The drying time may be increased slightly.

Zinc also improves pigment wetting and dispersion. When added to the coating formulation at an early stage, it reduces the grinding time. As zinc is almost colorless, it can also be used in large amounts without discoloring the paint film. Zinc has also proved useful in stabilizing lead and in improving the gloss and color-fastness of coatings.

Applications

Octa-Soligen[®] Zink is used in solvent-borne systems based on alkyds and epoxy esters that dry by oxidation.

As accelerator for solvent-borne one- and two-component polyurethane coatings we recommend our product *Borchi[®] Kat 22*.



Addition

The addition rate of zinc, calculated on the metal content per solid binder, is approx. 0.03 – 0.50 %.

The exact amount required depends on the binder and used formulation and should always be determined in preliminary trials. **Octa-Soligen[®] Zink** is usually added at the end of the process at the same time than other driers.

Storage

Protect from the effects of weathering and store at temperatures between 5 and 30 °C.
Once opened, containers should be resealed immediately after each removal of the product.

Safety

Please refer to our safety data sheet for information relating to product safety.

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