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## Combination drier

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## Description

**Octa-Soligen® 27** is a very versatile combination drier developed to meet the technical requirements of the coatings industry.

**Octa-Soligen® 27** produces optimum drying characteristics in all medium-oil and long-oil alkyd resins.

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## Characteristic data

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

Appearance:	clear violet liquid	
Metal content Ca, %:	1.90 – 2.10	DIN 55901 - 1988
Metal content Co, %:	1.20 – 1.40	DIN 55901 - 1988
Metal content Zr, %:	5.50 – 5.90	DIN 55901 - 1988
Total metal content, %:	8.60 – 9.40	
Viscosity (20 °C), mPa·s:	max. 60	ISO 3219 (A) - 1994
Density (20 °C), g/cm <sup>3</sup> :	0.91 – 0.95	DIN 51757 (A) - 1994
Non-volatile content, %:	37 - 45	ISO 3251 (2g, 3h, 105 °C)
Flash point, °C:	> 61 (typical)	
Solvent:	fatty acid ester	

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## Properties

The composition of **Octa-Soligen® 27** yields an ideal synergy between the metals. Cobalt ensures rapid surface drying whereas zirconium, a secondary drier, promotes through-drying. Calcium stabilizes the drying power and develops a synergy with the other metals.

The combined action of these different metals ensures uniform drying which improves the hardness of the paint film.

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## Applications

**Octa-Soligen® 27** is entirely stable and can be used in medium-oil and long-oil resins.

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## Dosage

Application trials have shown the addition of **Octa-Soligen® 27** to be between 4 and 6 %, calculated on the solid binder and depending on the binder and pigments used in the formulation.

If using highly adsorbent pigments with a high specific surface, it may be necessary to also use *Octa-Soligen® Calcium 10* (see technical information on *Octa-Soligen® Calcium 10*).



## Storage

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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

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

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