



## Combination drier for oxidatively drying systems

### Description

**Octa-Soligen® 146** is a combination drier suitable for all solvent-based oxidative drying and can be used in either clear or pigmented systems. **Octa-Soligen® 146 HS** is a version dissolved in a fatty acid ester with particularly small VOC content, to be used in particular in reduced VOC and high-solid coatings systems, as well as printing inks.

### Characteristic data

	Octa-Soligen® 146	Octa-Soligen® 146 HS	
Appearance:	clear violet liquid	clear violet liquid	
Metal content Ca, %:	3.9 – 4.1	3.9 – 4.1	DIN 55901 - 1988
Metal content Co, %:	1.1 – 1.3	1.1 – 1.3	DIN 55901 - 1988
Metal content Li, %:	0.55 – 0.65	0.55 – 0.65	Borchers 08-Li-03
Total metal content, %:	5.55 – 6.05	5.55 – 6.05	
Viscosity (20 °C), mPa·s:	max. 120	50 - 310	ISO 3219 (A) - 1994
Density (20 °C), g/cm³:	0.90 – 0.94	0.96 – 1.00	DIN 51757 (A) - 1994
Non-volatile content, %:	47 - 57		ISO 3251 - 1974 (2g, 3h, 105 °C)
Flash point, °C:	> 61	> 100	ISO 3679 - 1991
Solvent:	white-spirit containing < 1 % aromatics	fatty acid ester	

### Properties

On account of its balanced metal content, **Octa-Soligen® 146** ensures uniform drying of the paint film. As it has low cobalt content, it keeps the film open long time to ensure optimum through-drying and to improve the hardness of the paint film. Coatings dried with **Octa-Soligen® 146 HS** show optimal drying characteristics even after the coating is stored for an extended period of time.

**Octa-Soligen® 146** is ideal for use in pale-colored formulations.

### Applications

**Octa-Soligen® 146** is suitable for use in all conventional alkyd systems. It is particularly recommended for alkyd urethane coatings and *high-solids* systems.



## Dosage

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**Octa-Soligen® 146** can be added to the coating at every formulation step. Previous dilution in solvent or resin is not necessary. We recommend the addition during the let-down before the addition of anti-skinning agents. The addition of **Octa-Soligen® 146** depends on the type and amount of binder used. Generally speaking, the addition is between 3 and 5 %, calculated on the solid binder content. The exact amount required must always be determined by preliminary trials.

## 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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