

## Octa-Soligen® Cobalt 6

Cobalt drier for solvent-based systems

### Physical Characteristics

Appearance	Clear, very low-viscous violet liquid
Metal content	Co: 5.80 – 6.20 % ISO 4619
Non-volatile content	29.00 – 37.00 % ISO 3251 (2g, 3h, 105°C)
Viscosity	Max. 45 mPa.s (20°C) ISO 3219 (A)
Specific gravity	NA
Density	0.870 – 0.910 g/cm <sup>3</sup> DIN 51757 (20 °C)
Solvent	White-spirit containing <1 % aromatics

### Features

- Based on metal salts of 2-ethylhexanoic acid (octoates) or their isomers
- Catalyzes redox reactions and even small additions result in the dissociation of autoxidant hydroperoxides and to a change in valency from Co<sup>2+</sup> to Co<sup>3+</sup>
- Rapid surface drying

### Applications

- Solvent-based systems based on alkyds and epoxy esters that dry by oxidation, including:
  - o Unsaturated polyesters

### Dosage

In conventional alkyd formulations, the cobalt addition is between 0.03 and 0.08 %, calculated on the solid binder. In printing inks, a combination of Octa-Soligen® Cobalt and Octa-Soligen® Manganese is recommended. The amount of cobalt is between 0.03 and 0.05 %, calculated on the solid binder. Octa-Soligen® Cobalt can also be combined with Octa-Soligen® Zirconium and Octa-Soligen® Calcium. This yields outstanding results in systems that are free from heavy metals. Irrespective of these guidelines, the addition should always be determined in preliminary trials.

### Storage

Protect from the effects of weathering and store at temperatures below 50 °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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