

## Octa-Soligen® Cobalt 8 (oil)

Cobalt drier for solvent-based systems

### Physical Characteristics

Appearance	Clear, low-viscous, violet liquid
Metal content	Co: 7.80 - 8.20 % ISO 4619
Non-volatile content	NA
Viscosity	25 - 115 mPa.s (20°C) ISO 3219 (A)
Specific gravity	NA
Density	0.930 - 0.970 g/cm <sup>3</sup> DIN 51757 (20 °C)

### 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 Printing inks

### 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.

---

811 Sharon Drive / Westlake, OH 44145 / Telephone: +1 800-321-9696 / 440-899-2950 / Fax: +1 440-808-7114 / Internet: [www.borchers.com](http://www.borchers.com) / E-Mail: [info.us@borchers.com](mailto:info.us@borchers.com)

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at [www.milliken.com/terms](http://www.milliken.com/terms) (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.