



## Description

---

Special combination drier based on Cobalt, Barium and Zinc for oxidatively drying paint systems.

## Characteristic Data

---

Appearance	Clear, low-viscous, violet liquid	
Metal content	Ba: 7.00 - 7.40 % Co: 1.10 - 1.30 % Zn: 3.10 - 3.30 % Total: 11.20 - 12.00 %	DIN 55901 DIN 55901 DIN 55901
Non-volatile content	46 - 56 %	ISO 3251 (2g, 3h, 105 °C)
Density	0.950 - 0.990 g/cm <sup>3</sup>	DIN 51757 (20 °C)
Viscosity	35 - 145 mPa·s	ISO 3219 (A) (20 °C)
Solvent	White-Spirit containing max. 1% aromatics	

## Properties

---

Cobalt effects rapid surface drying. In conjunction with cobalt, barium improves through-drying. At the same time it prevents the adsorption of primary drier, thereby increasing drier stability during long-term storage. Zinc prolongs the open time of the paint film, thereby promoting uniform through-drying and preventing wrinkling and skinning.

The balanced ratio of the various metal contents of **Octa-Soligen® 203** yields optimum results in respect of initial- and through-drying. As a result of the wetting action of the barium, this drier possesses excellent drier stability, rendering use of additional drier stabilisers unnecessary except in the case of critical pigment systems.

**Octa-Soligen® 203** is of low viscosity, readily meterable, has a long shelf-life and is particularly suitable for white and light-colored paint systems.

Paints incorporating **Octa-Soligen® 203** are characterised by better drying times even under adverse atmospheric conditions.

## Applications

---

**Octa-Soligen® 203** can be used in all binder systems which dry by oxidation and is particularly suitable for white and light-colored paints. Cloudiness and precipitation do not occur.

## Dosage

---

Experiments have shown that the necessary addition of **Octa-Soligen® 203** should be between 2 and 5 % relative to solid binder, depending on the binder and the pigment system. This is equivalent to a cobalt content of 0.024 to 0.060 %.



When using pigments which retard the drying process such as carbon black or toluidine red, a higher addition rate or special stabilization may be necessary. Octa-Soligen® Barium 12.5 or Octa-Soligen® Calcium 10 are suitable for this purpose.

In paint systems which already contain zinc compounds (e.g. zinc-treated titanium dioxide), the zinc in **Octa-Soligen® 203** may retard drying. Addition of Octa-Soligen® Zirconium 6 brings about an improvement in many cases. It may still be necessary to switch to a different drier system, however, in this case we recommend trials with Octa-Soligen® 173.

## 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.

Updated: 01.02.2016

---

### Borchers GmbH

Berghausener Str. 100 / 40764 Langenfeld / Telephone: +49 (0) 2173 - 39 26 666  
Fax: +49 (0) 2173 - 39 26 999 / Internet: [www.borchers.com](http://www.borchers.com) / E-Mail: [info@borchers.com](mailto:info@borchers.com)

Our product information is given in good faith but without warranty. This also applies where proprietary rights of third parties are involved. This information does not release the customer from the obligation to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the

products manufactured by the customer on the basis of our technical advice are beyond our control and, therefore, entirely the customer's own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.