



Cobalt-free combination drier with enhanced drying activity  
for solvent borne oxidatively drying coatings

## Description

**Borchers® Dry 0246** is a cobalt-free drier based on a highly active synergistic drier composition for all solvent borne oxidatively drying coating systems. The activity of the siccative metal is enhanced by its combination with an organic drying accelerator.

The product can be used either in clear coats or pigmented coating systems. Here it replaces other primary driers, especially cobalt siccatives.

## Characteristic data

Appearance:	clear, brown solution of low viscosity	
Non-volatile content, %:	57 – 65	ISO 3251 – 1974 (2g, 3h, 105 °C)
Viscosity (20 °C), mPa·s:	max. 800	ISO 3219 (A) - 1994
Density (20 °C), g/cm <sup>3</sup> :	1.00 – 1.04	DIN 51757 (A) - 1994
Flash point:, °C:	> 61	
Solvent:	white spirit	
Solubility:	soluble in common organic solvents such as white spirit, xylene, alcohols, glycols immiscible with water	

## Properties

**Borchers® Dry 0246** provides rapid surface dry and improves through-drying and hardness of the applied film. The special siccative combination enables constant drying and prevents levelling defects.

Coating systems siccated with **Borchers® Dry 0246** continue to exhibit very good drying properties even after extended storage.

## Applications

**Borchers® Dry 0246** is suitable for all solvent borne air-drying alkyd resin coatings, as well as for VOC-reduced and *High-Solid* coating systems.

Due to the combination with an organic drying accelerator **Borchers® Dry 0246** exhibits an enhanced drying activity compared to common cobalt-free primary driers.



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## Use and Dosage

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**Borchers® Dry 0246** can be added to the paint system in any formulation step. Pre-thinning is not required. We recommend its addition after the dispersing process prior to adding an anti-skinning agent.

The dosage of **Borchers® Dry 0246** depends on the type and quantity of the binder used. Usual amounts are approx. 2.5 - 5.5 % by weight based on solid binder.

**Borchers® Dry 0246** is a combination drier and can be used without adding other siccatives. Therefore the addition of any secondary drier is mostly not necessary. *Octa-Soligen® Calcium* driers may be although useful in highly filled or pigmented systems to improve storage stability and stabilize drying ability. Here the addition of 0.1 - 0.3 % by weight metal based on solid binder is recommended.

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## 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.

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## Safety

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Appropriate protection clothing must be worn while working.  
Please refer to our safety data sheet for additional information relating to safe handling and product safety.

Updated: 25.02.2009

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