

Octa-Soligen® 69

Lead-free combination drier for solvent-based paint systems

Physical Characteristics

Appearance	Clear, low-viscous, violet liquid
Metal content	Co: 5.80 – 6.20 % Zr: 8.80 – 9,2.20 % Total: 14.60 – 15.40 % DN 55901
Non-volatile content	60.00 – 73.00 % ISO 3251 (2g, 3h, 105°C)
Viscosity	80 – 280 mPa.s (20°C) ISO 3219 (A)
Specific gravity	NA
Density	1.060 – 1.100 g/cm ³ DIN 51757 (20 °C)
Solvent	White-spirit containing <1 % aromatics

Features

- The balanced ratio of the metals cobalt and zirconium in Octa-Soligen® 69 yields optimum results in respect of initial- and through-drying
- Low viscosity
- Readily meterable
- Cloudiness and precipitation do not occur

Applications

- Binder systems that dry by oxidation, including:
 - White and light-colored paints

Dosage

Experiments have shown that the necessary amount of Octa-Soligen® 69 should be between 0.25 and 1.00 % relative to the solid binder, depending on the binder and the pigment system. This is equivalent to a cobalt content of 0.015 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. Suitable stabilizers are Octa-Soligen® Barium 12.5 and in particular Octa-Soligen® Calcium 10 which, in conjunction with cobalt and zirconium, further accelerates the drying process and provides long-term drier stability.

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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