

Octa-Soligen[®] 421 aqua



Combination drier for waterborne alkyd resins, recommended for drying at low temperatures and high atmospheric humidity

Description

The combination drier **Octa-Soligen[®] 421 aqua** was developed in our laboratory specially for drying waterborne alkyd resins. Owing to its good compatibility with standard resins, it is particularly stable. **Octa-Soligen[®] 421 aqua** causes no yellowing.

Characteristic data

Appearance:	clear violet liquid	
Metal content Co, %:	2.35 – 2.55	DIN 55901 - 1988
Metal content Zn, %:	2.47 – 2.67	DIN 55901 - 1988
Metal content Zr, %:	5.75 – 5.95	DIN 55901 - 1988
Total metal content, %:	approx. 10.87	
Viscosity (20 °C), mPa·s:	70 - 250	ISO 3219 (A) - 1994
Density (20 °C), g/cm ³ :	1.00 – 1.05	DIN 51757 (A) - 1994
Flash point, °C:	> 100 (typical)	
Solvent:	mineral oil	

Properties

Octa-Soligen[®] 421 aqua is a stable aqueous product that can be incorporated easily. It is a mixed metal drier that develops high reactivity, thus yielding good drying properties at low temperatures and high humidity.

Numerous aging and storage tests in our laboratories have shown that **Octa-Soligen[®] 421 aqua** has a very stable drying action.

Applications

Octa-Soligen[®] 421 aqua is particularly suitable for use in systems based on long-oil alkyds and in high-build systems (> 100 µm wet).

Experience has shown that low temperatures and high atmospheric humidity (13 °C and 80% relative humidity) can have a very negative impact on drying. The combination of metals in **Octa-Soligen[®] 421 aqua** is harmonized such that rapid drying is ensured even under these difficult conditions.

Numerous tests in our laboratories have confirmed the outstanding results. The product thus offers coatings formulators a good solution to a major problem.

Addition

The recommended addition is 4 to 6 % **Octa-Soligen[®] 421 aqua** (supply form), calculated on g solid binder.



Storage

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.

Safety

Please refer to our safety data sheet for information relating to product safety.

Updated: 25.02.2009

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