



Combination drier for oxidatively drying systems

Description

Octa-Soligen[®] 161 is a versatile lead-free combination drier. It provides optimum drying characteristics in all medium-oil and long-oil resins.

Characteristic data

Appearance:	clear violet	liquid of low viscosity
Metal content Ca, %:	4.90 – 5.10	DIN 55901 - 1988
Metal content Co, %:	1.60 – 1.75	DIN 55901 - 1988
Metal content Zr, %:	4.90 – 5.10	DIN 55901 - 1988
Total metal content, %:	11.40 – 11.95	
Viscosity (20 °C), mPa·s	max. 150	ISO 3219 (A) - 1994
Density (20 °C), g/cm ³	0.99 – 1.03	DIN 51757 (A) - 1994
Non-volatile content, %:	52 – 64	ISO 3251 - 1974 (2g, 3h, 105 °C)
Flash point, °C	> 61 (typical)	ISO 3679 - 1991
Solvent:	white-spirit containing max. 1 % aromatics	

Properties

The synergy between the different metals in **Octa-Soligen[®] 161** ensures uniform drying of the applied film. The primary drier yields optimum surface drying whereas the secondary driers improve through-drying. This promotes hardness of the applied film.

Octa-Soligen[®] 161 additionally promotes excellent storage stability, so that addition of Calcium driers may not be necessary.

Applications

Octa-Soligen[®] 161 is suitable for all types of medium- and long-oil alkyds in solvent borne formulations.



Addition

Octa-Soligen[®] 161 can be added at any formulation step. However, we recommend its introduction at the end of the process, before adding the antiskining agent.

The optimal dosage of **Octa-Soligen[®] 161** is between 3.5 and 5.5 %, calculated on the solid binder and depends on the type of binder. The exact addition rate should be determined in preliminary trials.

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.

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