



Description

Cerium improves the through-drying and polymerization of the paint film and increases the chemical resistance to ageing.

Cerium is not recommended for use in pale-coloured and clear coatings as it may result in yellowing. Combined with cobalt, it retains good drying properties even at low temperatures.

Supply form

Octa-Soligen[®] driers are based on metal salts of 2-ethylhexanic acid (octoates) or their isomers.

Octa-Soligen[®] Cerium is available in the following supply forms:

Products	Applications
Octa-Soligen [®] Cerium 6	solvent-borne systems
Octa-Soligen [®] Cerium 10	
Octa-Soligen [®] Cerium 6 (oil)	printing inks

Properties

Like cobalt or manganese, cerium is a primary drier but it is far less active. At low temperatures, e.g. below 0 °C, or at very high atmospheric humidity, its effectiveness is higher than that of other primary driers.

Applications

Octa-Soligen[®] Cerium is therefore used in systems which are to be applied in conditions corresponding to those described above or it is used as an additional drier with cobalt, manganese or lead. The extreme tendency of cerium to yellow should always be borne in mind.

Addition

In our experience, the percentage addition of cerium, calculated on the metal content per solid binder, is approx. 0.01 - 0.10 % Ce.

The exact amount required depends on the binder used.



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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