K78406 Siccative No. 203

Special combination drier based on cobalt, barium and zinc for oxidatively drying paint systems.

Properties
Cobalt effects rapid surface drying. In conjuction with cobalt, barim improves through-drying. At the same time it prevents the adsorption of primary drier, thereby increasing drier stability during long-term storage. Zinc prolongs the open time of the paint film, thereby promoting uniform through-drying and preventing wrinkling and skinning.

The balanced ratio of the various metals of Siccative No. 203 yields optimum results in respect of initial and through-drying. As a result of the wetting action of the barium, this drier possesses excellent drier stability, rendering use of additional drier stabilizers unnecessary except in the case of critical pigment systems.

Siccative No. 203 is low viscosity, readily meterable, has a long shelf-life and is particularly suitable for white and light-colored paint systems.

Paints incorporating Siccative No. 203 are characterized by better drying times even under adverse atmospheric conditions.

Technical Data

Appearance	Clear, low-viscous, violet liquid
Metal content (DIN 55901)	Ba: 7.00 – 7.40 % Co: 1.10 – 1.30 % Zn: 3.10 – 3.30 % Total: 11.20 – 12.00 %
Non-volatile content	46 – 56 %
Density (DIN 51757), 20°C	0.950 – 0.990 g/cm3
Viscosity (ISO 3219 (A), 20°C	35 – 145 mPa.s
Solvent	White-Spirit containing max. 1 % aromatics

Applications
Siccative No. 203 can be used in all binder systems which dry by oxidation and is particularly suitable for white and light-colored paints. Cloudiness and precipitation do not occur.

Experiments have shown that the necessary addition of Siccative No. 203 should be between 2 and 5 % relative to the solid binder, depending on the binder and the pigment system. This is equivalent to a cobalt content of 0.024 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.

Storage
Protect from the effects of weathering and store at temperatures below 50°C. Once opened, containers should be released immediately after each removal of the protect.

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