



Drier stabilizer for oxidatively drying paint systems

Description

21% COBALT HYDROXY TEN-CEM is a sacrificial drier in paste form. It is used for drier stabilization in solvent-containing paint systems which dry by oxidation.

Characteristic Data

Appearance	bluish	
Metal content	Co 20.8 - 21.3 %	ASTM D 2373
Viscosity	max 100 s	MCI 76-72
Specific gravity	1.16 - 1.22	ASTM D 1963
Weight/Gallone	9.66 - 10.16 lb/gal	ASTM D 1963
Solvent	white spirit	
Flash point	40 °C (typical)	

Properties

21% COBALT HYDROXY TEN-CEM acts as a drier stabilizer in oxidatively drying paint systems.

Organic pigments with an extremely large specific surface such as Carbon blacks, Heliogen blue, Toluidine red and Lithol Red could adsorb considerable amounts of active drier. The same applies to very fine-particle inorganic pigments such as transparent iron oxides and titan oxides.

During prolonged storage a loss of drier action as a result of drier adsorption could be observed. **21% COBALT HYDROXY TEN-CEM** countervails this, without the need for initial excessive addition of driers which often could lead to defects.

21% COBALT HYDROXY TEN-CEM takes effect in a controlled manner in step with the decomposition of the drier. It does not affect initial drying of the paint system. **21% COBALT HYDROXY TEN-CEM** has no adverse effect on the film properties of the paint.

Applications

21% COBALT HYDROXY TEN-CEM kann in allen oxidativ trocknenden lösemittelhaltigen, sowie in einigen wasserverdünnbaren Lacksystemen eingesetzt werden.

Die Verwendung in wässrigen Systemen ist nur möglich, wenn die Formulierung entsprechende Anteile Colöser enthält.



Dosage

21% COBALT HYDROXY TEN-CEM is added to the milling base with pigment and binder. Subsequent addition is also possible.

The addition of **21% COBALT HYDROXY TEN-CEM** ranges between 0.3 and 0.7 %, relative to the solid binder. The optimum amount must always be determined individually beforehand in trials.

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.

During storage an increase in paste viscosity could be observed. The product should be stirred before using.

Safety

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

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