

This product was previously marketed as **ADDITOL® VXW 4940 N**. All specifications, formulations, and performance characteristics remain unchanged.

TYPE

Combination drier, water-dilutable, nonylphenol ethoxylatefree

Metal content

approx. 3 % Cobalt, approx. 3 % Barium, approx. 5 % Zirconium

SPECIAL PROPERTIES

The lead-free combination drier ADDITOL® VXW 4940 N DRY produces in water-dilutable alkyd resin paints a quick set-drying in connection with an even trough-drying. ADDITOL® VXW 4940 N DRY additive contains all metals which are necessary for an utmost oxidative drying. Adding any other drier is not necessary.

PRODUCT DATA

Determined per batch:

Colour / Appearance VLN 250

colour	violet
appearance	cloudy

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	1000 - 8000
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Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	1,10
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Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point approx.	[°C]	65
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SUGGESTED USES

ADDITOL® VXW 4940 N DRY additive can be used as drier for all water-dilutable, oxidatively drying alkyd resin paints. Especially recommendable is the usage of ADDITOL® VXW 4940 N DRY for drying alkyd resin emulsions, e. g. Resydrol AY 586w, Resydrol AY 466w, Resydrol AZ 436w, because contrary to conventional driers a homogeneous distribution is provided and therefore a quick drying and most of all good drying stability can be achieved.

ADDITOL® VXW 4940 N DRY additive can also be used for acryl-alkyd hybrid systems.

PROCESSING

Although ADDITOL® VXW 4940 N DRY may be added undiluted to the paint system, we recommend to carefully dilute it 1 : 1 with deionized water before incorporation. There is no possibility to dilute with glycolethers.

ADDITOL® VXW 4940 N DRY can be added during all stages of paint manufacturing, for critical systems adding to the mill base is recommended in order to avoid bits.

Quantities of 2 - 3 %, calculated on solid binder, are recommended.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 365 days.

It is important to protect ADDITOL® VXW 4940 N DRY from frost; at low temperatures it has therefore to be stored under frostproof conditions. ADDITOL® VXW 4940 N DRY will be destroyed at temperatures below 0 °C.

DISTINGUISHING FEATURES

ADDITOL® VXW 4940 N DRY is the nonylphenol ethoxylatefree version of ADDITOL® VXW 4940 DRY. ADDITOL® VXW 4940 N DRY additive exhibits better touch and through drying properties in comparison to ADDITOL® VXW 6206 DRY. Incorporation into externally emulsified alkyds is better than with ADDITOL® VXW 4940 DRY.

