

ADDITOL® XL 297

TYPE

Special oxime to prevent skinning of paints

FORM OF DELIVERY (f.o.d.)

low-viscous liquid

Active substance

approx. 100 %

PRODUCT DATA

Determined per batch:

Colour Scale (Hazen) DIN EN ISO 6271-1 Hazen colour value		<= 80
Density (Liquids) DIN EN ISO 2811-2 density (20 °C)	[g/cm ³]	0,91 - 0,93

Not continually determined:

Colour / Appearance VLN 250 colour		colourless
Flash Point DIN EN ISO 1523 flash point approx.	[°C]	62

SPECIAL PROPERTIES

Prevents skinning of oxidatively drying paints in the can. Additol XL 297 is a special oxime combining maximum antiskin effect with minimum drying retardation.

SUGGESTED USES

Additol XL 297 is a nearly waterwhite liquid with excellent yellowing resistance in the light and in the heat. It specifically prevents skinning of paints. Additol XL 297, in the quantities normally used is compatible with nearly any available binder and pigment and has no adverse influence on the storage stability.

Used in even low levels, the efficiency of Additol XL 297 is extraordinary. Additol XL 297 only slightly retards set of paints and enamels.

Although Additol XL 297 does not influence colour tone or colour fastness of the paints, the coemployment of siccatives may slightly intensify colour tones. Paints and films containing Additol XL 297 do not betray this by odour. We particularly recommend joint use of Additol XL 297 and Additol XL 109 giving interesting results and allows low dosage with optimum results regarding antiskinning, through drying and surface quality.

Additol XL 297 has no physiological disadvantages with the normal precautions for such products.

PROCESSING

Additol XL 297 should be added to the cold paint already containing the siccatives but prior to final adjustment, since in cases it may reduce somewhat the viscosity. In no case should Additol XL 297 be added to the still hot paint cook and should not be cooked with the varnish.

Dosage of Additol XL 297 is substantially governed by the constitution of the binder, with the consideration of type and quantity of the used oils, since these have different skinning tendencies.

Short oil tung-free oleoresinous and alkyd resin paints require about up to 0.2 % Additol XL 297, for tung oil rich, medium or long oil oleoresinous paints and long oil alkyd the dosage should be raised up to 0.3 %. In special effect paints with heavy skinning like frosting and wrinkling enamels, Additol XL 297 can be raised without adversely influencing the particular effects.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 730 days.

Additol XL 297, on storage of the paints retains its efficiency in closed containers only, owing to a certain volatility in conjunction with diluents or solvents. Storage containers for Additol XL 297 itself should also be kept tightly closed in order to avoid losses by evaporation. Additol XL 297 can be stored in containers of glass, aluminium, iron, zinc and tin. Brass, copper and lead are ruled out.

DISTINGUISHING FEATURES

While Additol XL 109 is preferably used to prevent surface defects in paint films, to enhance gloss and through drying, Additol XL 297 in particular prevents skinning.

5.0/17.07.2013 (replaces all previous versions)

• Worldwide Contact Info: www.allnex.com •

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