



Phenolic anti-oxidant

Description

Borchi[®] Nox 614 is a 40 % solution of a phenolic modified resin in xylene and methoxypropanol. It is a clear brown liquid and acts as an anti-skinning agent and as a flow promoter in colorless and pigmented coatings based on drying oils, alkyd resins and other oils. It also promotes through-drying.

Characteristic data

Appearance:	colourless liquid	
Colour, Gardner:	7 - 12	ISO 4630 - 1981
Viscosity (20 °C), mPa·s:	5 - 15	ISO 3219 (A) - 1994
Refractive index (20 °C), nD:	1.50 – 1.52	DIN 51423 - 1975
Density (20 °C), g/cm ³ :	0.92 – 0.95	DIN 51757 (A) - 1994
Flash point, °C:	> 23 (typical)	
Solids content, %:	approx. 40	ISO 3219 (A) - 1994
Solvent:	xylene	

Properties

Borchi[®] Nox 614 enhances the gloss and flow properties of air-drying systems. It also promotes through-drying and has anti-wrinkle and anti-skinning properties. On account of its chemistry, **Borchi[®] Nox 614** may retard drying.

Applications

Borchi[®] Nox 614 is used in colourless and pigmented coatings based on air-drying oils, alkyd resins, etc. It is used in both air-drying and stove-drying systems.

Use and Dosage

Borchi[®] Nox 614 is easy to use and is simply stirred gently into the coating. It is fully compatible with solvent-based alkyd resins, oil-based paints and high-solids paints.

During storage of coatings modified with **Borchi[®] Nox 614**, solvent components may evaporate. This does not impair the efficacy of the product, however, as the active ingredient is non-volatile.

Additions of **Borchi[®] Nox 614** are dependent on the particular coating system and the desired properties. The optimum dosage should be determined in preliminary trials in each case.

From experience, an addition of 2 – 4 % by weight relative to total formulation has proved suitable. With not pigmented systems and very light paints, it must be borne in mind that **Borchi[®] Nox 614** may cause slight yellowing.



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.

Borchi[®] Nox 614 should not be stored in the open air. Exposure to direct sunlight should be avoided.
The product must not be stored in containers made of copper, lead or brass.

Stability

After distribution a 6 month faultless usage in case of tightly closed and proper stored containers is warranted.

Safety

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

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