



Special anti-skinning agent for printing inks

Description

Borchi[®] Nox C3 is a special anti-skinning agent for diverse paint systems and printing inks. It is supplied in the form of a fine white powder. **Borchi[®] Nox C3** is very readily soluble and is easy to incorporate. It is highly effective, with no adverse effects on the properties of the paint system.

Characteristic data

Appearance:	fine white powder	
Active content, %:	min. 94	Borchers 100-74
Melting point /range, °C:	approx. 89 - 91	
Bulk density (20 °C), kg/m ³ :	approx. 800	DIN EN ISO 2811-2
Density (20 °C), g/cm ³ :	approx. 1.02	DIN EN ISO 2811-2
Flash point, °C:	approx. 102	ASTM D 6450

Properties

Borchi[®] Nox C3 acts as an excellent anti-skinning agent in paints and printing inks based on various binders.

Borchi[®] Nox C3 is virtually odourless and does not cause discoloration. It does not adversely affect the drying time of the paint system and does not give rise to undesirable secondary phenomena during the drying process. The product does not have any adverse effect on the film characteristics of the dried paint system. **Borchi[®] Nox C3** is readily soluble and easy to incorporate.

Applications

Borchi[®] Nox C3 is used in paints and printing inks based on raw linseed oil, wood oil, maleic and alkyd resins and other comparable binders.

Use and Dosage

Borchi[®] Nox C3 can be added in its supply form as a powder or can be dissolved first in the binder or solvent to be used. It can be added either to the mill base or to the finished paint, stirring constantly.

A method of incorporating **Borchi[®] Nox C3** that has proved particularly successful in the case of printing inks involves producing a pre-mix of **Borchi[®] Nox C3** and the binder, containing 25 parts linseed oil and 3 parts **Borchi[®] Nox C3**. This mixture is heated to approximately 75 °C and stirred at this temperature for 5 - 10 minutes.

The homogeneous solution thereby attained is then added to the pigment and milled.

The addition of **Borchi[®] Nox C3** is between 0.1 and 0.4 %, relative to total formulation. The optimum dosage is dependent on the binder / pigment system and must be determined beforehand in trials.



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.

Safety

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

Updated: 25.02.2009

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