

Borchi[®] Nox C 3

Special anti-skinning agent for printing inks

Physical Characteristics

Appearance	White to yellowish flakes
Viscosity	NA
Density	NA
Solvent	NA

Features

- Readily soluble and easy to incorporate
- Does not cause any discoloration
- Enhances gloss and flow properties of air-drying systems
- Does not adversely affect the drying time of the paint system and does not give rise to undesirable secondary phenomena during the drying process

Applications

- Printing inks
- Paints based on
 - Raw linseed oil
 - Wood oil
 - Maleic
 - Alkyd resins
 - Other comparable binders

Dosage

Borchi[®] Nox C 3 can be added in its supply form as flakes 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 C 3 that has proved particularly successful in the case of printing inks involves producing a pre-mix of Borchi[®] Nox C 3 and the binder, containing 25 parts linseed oil and 3 parts Borchi[®] Nox C 3. 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 C 3 is between 0.1 and 0.4 %, relative to total formulation. The optimum dosage depends 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

For further safety information please refer to our safety data sheet.

811 Sharon Drive / Westlake, OH 44145 / Telephone: +1 800-321-9696 / 440-899-2950 / Fax: +1 440-808-7114 / Internet: www.borchers.com / E-Mail: info.us@borchers.com

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