

Ascini[®] Anti Skin 0445



Anti-skinning agent for solvent-borne and water-borne oxidatively drying coating systems

Description

Ascini[®] Anti Skin 0445 is a new anti-skinning agent for solvent borne and waterborne oxidatively drying coating systems. It contains a special combination of active ingredients with a high anti-oxidative potential.

Ascini[®] Anti Skin 0445 contains no oximes and phenolics and therefore should be a non-hazardous substitution for other commercial phenolic and oximic antioxidants.

Characteristic data

Appearance:	clear, low viscous, colourless to yellowish liquid	
Density (20 °C), g/cm ³ :	0.99 – 1.03	DIN 51757 (A) - 1994
Viscosity (20 °C), mPa·s:	30 – 130	ISO 3219 (A) - 1994
Flash point, °C:	> 61 (informativ)	
Solvent:	glycol	
Solubility:	soluble in polar solvents such as ethers, acetone, butyl glycol, water partially soluble in white spirit	

Properties

Preventing undesired skin-formation on surface of solvent borne oxidatively drying coating systems , printing inks and pigment pastes during storage **Ascini[®] Anti Skin 0445** improves their storage stability. In the applied film, it provides a controlled retardation of surface drying and thus keeps the film open longer to ensure penetration of oxygen to lower film layers. Hence it promotes through dry and also improves flow properties.

Due to its chemical basis the specific disadvantages of other antioxidants - such as the strong drying retardation of phenolics or the toxicologic potential of oximic compounds - could be avoided.

Applications

Ascini[®] Anti Skin 0445 is solved in a high flashpoint alcoholic solvent. Hence it is suitable for common solvent-borne coatings as well as for polar and waterborne formulations. **Ascini[®] Anti Skin 0445** might be used in clear-coats as well as in pigmented systems.



Use and Dosage

Ascinin[®] Anti Skin 0445 can be added to the paint in any formulation step. A preliminary dilution is not suggested. We recommend its addition in a final production step after adding the siccatives to the formulation.

The required amount of **Ascinin[®] Anti Skin 0445** depends on type of binder and quantity of the used driers. Usual amounts are approx. 0.2 to 0.6 % by weight on total formulation. In case of substitution of Butanonoxime we recommend starting with adding half the amount of the substituted Butanonoxime and then optimize the addition rate on basis of the obtained results.

Storage

Protect from the effects of weathering and store at temperatures between 5 and 30 °C in the original container.

Once opened, containers should be resealed immediately after each removal of the product.

Safety

No labelling is required in accordance with the EEC directives.

Ascinin[®] Anti Skin 0445 is no dangerous cargo.

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

Updated: 13.11.2009

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