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## Phenolic anti-oxidant

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### Description

**Ascinin® P** is a 40 % solution of a substituted phenol in xylene and n-butanol. **Ascinin® P** is used as an anti-skinning agent in clear and pigmented lacquers and paints based on drying oils, alkyd resins and other oils.

In primers, **Ascinin® P** prevents lifting during over-coating. In baking paints, it eliminates surface defects.

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### Characteristic data

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| Appearance:                          | light yellow, clear liquid |           |
| Iodine color number:                 | 0 - 10                     | DIN 6162  |
| Refractive Index (23 °C), nD:        | 1.508 – 1.511              | DIN 51423 |
| Density (20 °C), g/cm <sup>3</sup> : | approx. 0.92               |           |
| Non-volatile content, %:             | approx. 40                 |           |
| Flash point, °C:                     | approx. 30                 |           |

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### Properties

**Ascinin® P** improves the through-drying of paint systems which dry by oxidation and counteracts wrinkling and skinning. By virtue of its chemical nature, **Ascinin® P** retards initial drying, thereby eliminating flow defects and improving spreadability. Acceleration of through-drying improves gloss and film hardness.

In primers, addition of **Ascinin® P** prevents lifting during over-spraying.

Since the active substance in **Ascinin® P** is not very volatile, the product also counteracts wrinkling even in baking paints based, for example, on ricin alkyds.

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### Applications

**Ascinin® P** is used in paint systems which dry by oxidation based on drying oils, alkyd resins, etc. It is suitable for both clear and pigmented systems and exhibits good binder compatibility. **Ascinin® P** is also used in primers and baking enamels.



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## Use and Dosage

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**Ascinin® P** is easy to use and is simply stirred gently into the coating. It must not be added at the same time as driers. The dosage of **Ascinin® P** is dependent on the particular coating system and the desired properties. From experience, an addition of 1 - 2 % relative to the nonvolatile binder has proved as suitable. When using pigments which retard the drying process, the dosage should be reduced. With unpigmented or very light-colored paints, it must be kept in mind that **Ascinin® P** may cause slight yellowing.

In order to prevent lifting in primers, an addition of approx. 2% **Ascinin® P** relative to non-volatile binder is recommended.

In baking paints, an addition of 0.5 – 1.0 % **Ascinin® P** relative to non-volatile alkyd resin prevents wrinkling. Excessive dosages impair hardness and color consistency.

The optimum dosage for the area of application in question should be determined beforehand in trials.

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## Storage

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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.

The product may darken during storage but this does not impair its efficiency.

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## Safety

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

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