

AFCONA – 6701



Chemical Composition

Based on ketoxime and a phosphorous ester salt

Product general description

Anti-gel agent and viscosity stabilizer for air-drying and stoving coating systems

Product Properties

AFCONA – 6701 is the xylene free version of AFCONA – 6700.

AFCONA-6701 is an anti-gel additive for air-drying alkyds and stoving coating systems.

In air-drying alkyd paints, the ketoxime in AFCONA – 6701 form a protection layer on the top of the paint to reduce the oxidation caused by oxygen.

However, AFCONA – 6701 mainly is used in stoving paints to avoid gel during storage. AFCONA – 6701 will block the reactive group of the melamine and will re-release it at 80 - 100°C for further reaction. AFCONA-6701 can significantly prolong the shelf life of a coating.

Product specification

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|------------------|--|
| Solvents | Isobutanol / Butylacetate / Water |
| Density at 20 °C | 0.87 - 0.89 g/cm ³ |
| Refractive index | 1.392 – 1.412 |
| Flashpoint | 24°C |
| Appearance | transparent to slight yellowish liquid |

Addition and dosage

0.5 - 1.0 % on total formulation

Incorporation

AFCONA-6701 should be added after grinding. Already gelled materials can be restored to processing viscosity by the addition of AFCONA-6701. In such cases, the addition levels should be two or three times higher than given above.

Storage

AFCONA-6701 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

25 kg and 180 kg non-returnable containers