**AFCONA – 6700**

**Chemical Composition**  
Based on ketoxime and a phosphorous ester salt

**Product general description**  
Anti-gelling agent and viscosity stabilizer for air-drying and heat-cured coating systems

**Product Properties**  
AFCONA-6700 is an anti-gel additive for air-drying alkyds and heat-cured coating systems.

In air-drying alkyd paints, the ketoxime in AFCONA – 6700 forms a protective layer on the surface of the paint to reduce the oxidation caused by oxygen in the air.

However, AFCONA – 6700 is mainly used in heat-cured paints to avoid gelling during storage. AFCONA – 6700 will block the reactive group of the melamine and will re-release it at 80 - 100°C for a more appropriate reaction. AFCONA-6700 can significantly prolong the shelf life of such a coating.

**Product specification**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Solvents</td>
<td>Isobutanol / Xylene / Water</td>
</tr>
<tr>
<td>Density at 20 °C</td>
<td>0.87 - 0.89 g/cm³</td>
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<tr>
<td>Refractive index</td>
<td>1.427 – 1.437</td>
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<tr>
<td>Flashpoint</td>
<td>24°C</td>
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<tr>
<td>Appearance</td>
<td>transparent to slightly yellowish liquid</td>
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**Addition and dosage**  
0.5 - 1.0 % on total formulation

**Incorporation**  
AFCONA-6700 should be added after grinding. Already gelled materials can be restored to processing viscosity by the addition of AFCONA-6700. In such cases, the addition levels should be two to three times higher than given above.

**Storage**  
AFCONA-6700 should be stored in a cool, dry place. When kept in its original, unopened container, it will keep up to 5 years from the date of manufacture. The expiration date is indicated on the container.

**Packaging**  
55 lb and 397 lb non-returnable containers

distributed by:

**TRiiSO**

Request Quote or Samples

AFCONA ADDITIVES  
Web Site: www.afcona.com

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This TDS was modified and created for NA Region