**AFCONA – 4017**

**Chemical Composition**
Modified polyurethane polymer

**Product general description**
Polymeric dispersant mainly used for co-grinding

**Product Properties**
AFCONA-4017 is a polymeric dispersant mainly developed for co-grinding purposes for coil and can coating, heat cured polyester and acrylic, and epoxy, as well as polyurethane.

This product does not depend on polarity and performs well in almost all resin systems, especially when co-grinding dark colors.

Note: AFCONA – 4017 will become slightly hazy at temperatures below 5° C. This will not influence the performance of the product.

<table>
<thead>
<tr>
<th><strong>Product specification</strong></th>
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<tbody>
<tr>
<td>Active ingredients</td>
<td>28 – 32%</td>
</tr>
<tr>
<td>Solvents</td>
<td>Butylacetate / Methoxy Propyl Acetate / sec-butanol / Alkylbenzene / Diisobutylketone</td>
</tr>
<tr>
<td>Amine value</td>
<td>3 - 12 mg KOH/g</td>
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<tr>
<td>Acid value</td>
<td>25 – 45 mg KOH/g</td>
</tr>
<tr>
<td>Flashpoint</td>
<td>24°C</td>
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<tr>
<td>Color</td>
<td>max.7</td>
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**Addition and dosage**
Add AFCONA-4017 according to the dosages listed below, which should be calculated based on the weight of pigment in the formula:
- TiO2: 6 - 8%
- Other inorganic pigments: 5 - 10%
- Organic pigments: 20 - 40%
- Carbon blacks: 30 - 60%

The optimum dosage will be approximately 1% in the total formulation.

**Incorporation**
AFCONA-4017 should be incorporated in the mill base before adding the pigments.

**Storage**
AFCONA-4017 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

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AFCONA ADDITIVES
Web Site: www.afcona.com
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