AFCONA - 3085

Chemical Composition
Organically modified polyether polysiloxane

Product general description
A slip and leveling agent that is terminated by hydroxyl functional groups.

Product Properties
AFCONA-3085 is a polysiloxane-based polymer with di-hydroxyl functional groups terminated at both ends. This enables AFCONA–3085 to cross-link in polyurethane systems, as well as in heat-cured paints.

With its cross-linking properties, AFCONA – 3085 is specially designed to give permanent slip to polyurethane coatings and heat-cured paints.

AFCONA – 3085 is very compatible with most systems; therefore, it may stabilize foam. In foam-sensitive systems, this product should be used in combination with a suitable defoamer. For most conventional pressure spray applications, additional defoamers are not required.

AFCONA-3085 can be used in all solvent-based and water based systems.

Product specification

<table>
<thead>
<tr>
<th>Active ingredients</th>
<th>50 – 54%</th>
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<tbody>
<tr>
<td>Solvents</td>
<td>Ethylene glycol monobutyl ether</td>
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<tr>
<td>Density at 20 °C</td>
<td>0.96 - 0.98 g/cm³</td>
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<tr>
<td>Refractive index</td>
<td>1.425 - 1.435</td>
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<td>Flashpoint</td>
<td>32 °C</td>
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<tr>
<td>Appearance</td>
<td>transparent to slightly yellowish liquid</td>
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Addition and dosage
AFCONA-3085 may be added at 0.1 - 1.0% based on total formulation. Under normal conditions, 0.2 – 0.5% based on total formulation is sufficient. To prevent hand marking in PU wood coatings, use 1 – 3% based on total formulation.

Incorporation
AFCONA-3085 may be added at any stage during the production process. If added during the dispersion process, it speeds up wetting.

Storage
AFCONA-3085 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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