**AFCONA - 2025**

**Chemical Composition**
Silicone-containing defoaming polymer modified with fluorocarbon.

**Product general description**
A moderate defoamer with minimal side effects

**Product Properties**
AFCONA-2025 prevents the formation of foam and blisters during manufacturing and application. It offers a combination of good defoaming and compatibility with most resin systems. It is recommended for medium-viscosity applications applied by spray and brush.

AFCONA-2025, AFCONA-2035 and AFCONA 2040 have similar chemical structures with different modifications. However, their performance is very different in some systems. We recommend customers try all three products to select the most suitable defoamer for their system.

AFCONA-2025 is recommended for brush and conventional spray applications. It is very suitable for systems ranging from low polarity to high polarity.

Recommended applications:
1) air-drying alkyd systems and physical drying systems based on acrylic, vinyl or chlorinated polymers
2) polyurethane systems for wood, plastic and car refinish
3) NC lacquers and acid-curing for wood coatings and general industrial
4) 2-pack solvent-based epoxy
5) Heat-cured coatings based on alkyd, acrylic and saturated polyester

**Product specification**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Solvent</td>
<td>Cyclohexanone</td>
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<tr>
<td>Density at 20 °C</td>
<td>0.94 - 0.96 g/cm³</td>
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<tr>
<td>Refractive index</td>
<td>1.445 – 1.455</td>
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<tr>
<td>Flashpoint</td>
<td>42 °C</td>
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<tr>
<td>Appearance</td>
<td>slightly yellowish to transparent liquid</td>
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**Addition and dosage**
0.1- 1.0% on total formulation. Under normal conditions, 0.20 – 0.40% based on total formulation is sufficient.

**Incorporation**
AFCONA-2025 may be incorporated prior to processing. If it is added subsequently, good dispersion must be ensured.

**Storage**
AFCONA – 2025 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 expiration date is indicated on the container.

**Packaging**
55 lb and 375 lb non-returnable containers