AFCONA - 2040

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

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

**Product Properties**
AFCONA-2040 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-2035 is recommended for brush and conventional spray applications. It is very suitable for systems ranging from low polarity to high polarity.

**Recommended applications:**
1) 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) airless spray coatings
5) heat-cured coatings for general industrial
6) solvent-based epoxy systems

**Product specification**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Solvent</td>
<td>diisobutyl ketone</td>
</tr>
<tr>
<td>Density at 20 °C</td>
<td>0.80 - 0.82 g/cm³</td>
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<tr>
<td>Refractive index</td>
<td>1.410 - 1.420</td>
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<tr>
<td>Flashpoint</td>
<td>49 °C</td>
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<tr>
<td>Appearance</td>
<td>clear, transparent liquid</td>
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**Addition and dosage**
0.1 - 0.7% on total formulation. Under normal conditions, 0.2 – 0.5% based on total formulation is sufficient.

**Incorporation**
To prevent foaming, AFCONA-2040 may be added prior to processing. If added subsequently, good dispersion must be ensured.

**Storage**
AFCONA-2040 should be stored in a cool, dry place. When stored 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**
44 lb and 330 lb non-returnable containers

AFCONA ADDITIVES
This datasheet is intended to give technical guidance without any obligation
This TDS was modified and created for NA Region