Chemical Composition
Silicone-based defoamer for UV coatings

Product general description
AFCONA-2721 is a defoamer specifically designed for use in UV coatings. The carrier used in this product is an acrylate monomer that can take part in the system cross-linking. It offers good de-aeration as well as good defoaming properties due to the combination of silicone and non-silicone components.

Product Properties
AFCONA – 2721 is a defoamer with good defoaming properties and good compatibility. This product is tailor-made for UV coatings as the solvent used is active and can react into the system.

AFCONA-2721 can be used in pigmented or non-pigmented resin systems such as:
1) UV-cure
2) EBC

AFCONA – 2721 will not contribute much haziness to the system and has good compatibility.

Product specification

<table>
<thead>
<tr>
<th>Solvent</th>
<th>2-ethylhexylacrylate</th>
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<tbody>
<tr>
<td>Density at 20 °C</td>
<td>0.86 - 0.88 g/cm³</td>
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<tr>
<td>Refractive index</td>
<td>1.430 - 1.440</td>
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<tr>
<td>Flashpoint</td>
<td>46 °C</td>
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<tr>
<td>Appearance</td>
<td>Clear to slightly yellowish liquid</td>
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Addition and dosage
Add AFCONA-2721 at 0.1-1.0% calculated on total formulation. Under normal conditions, 0.2 – 0.5% based on total formulation is sufficient.

Incorporation
AFCONA-2721 may be incorporated by simple mixing. A homogeneous mix will increase the efficiency.

Storage
AFCONA-2721 should be stored in a cool, dry place. When kept in its original, unopened container, it will keep up to 2 years from the date of manufacture. The expiration date is indicated on the container

Packaging
55 lb and 375 lb non-returnable containers