SUBSTRATE WETTING ADDITIVE

SURFYNOL® 355

DESCRIPTION

SURFYNOL® 355 is a substrate wetting agent with global food contact compliances. It is suitable for waterborne coatings and inks.

KEY BENEFITS

- Dynamic wetting on difficult-to-wet substrates
- Good foam control
- Suitable for food contact compliant formulations

EFFECT

- Substrate wetting
- Anti-crater effect
- Flow promotion
- Defoaming
- Reduction of static surface tension
- Reduction of dynamic surface tension

SUITABILITY

- Waterborne
- Solventborne
- 2-pack 100%
- Radiation-curing
- Pigmented coatings
- Clear coatings

TYPICAL APPLICATIONS

- Overprint varnishes
- Printing inks
- Can coatings
- Liquid inks

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active matter content</td>
<td>75 %</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear to hazy, colorless to colored liquid</td>
</tr>
<tr>
<td>Chemical description</td>
<td>Acetylenic-free surfactant</td>
</tr>
<tr>
<td>Delivery form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Solvent</td>
<td>Water</td>
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</tbody>
</table>

SOLUBILITY

- Water: Soluble
- Ethanol: Partly soluble
- TPGDA: Soluble
- Acetone: Partly soluble
- Butyl acetate: Soluble
- Mineral Spirits: Not soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.1 - 1.0 %

PROCESSING INSTRUCTIONS

- Addition to the coating as supplied or as a predilution is possible.
- Can be introduced in the grind and let-down stage.

HANDLING & STORAGE

The shelf life for this product is 24 months from the date of manufacture. Keep containers tightly closed in a dry, cool, and well-ventilated area. Product is freeze-thaw stable; if it phase separates or freezes at colder temperatures, warm container to 40°C and mix thoroughly before use. Please refer to the SDS for the most current information.

MSDS & REGULATORY INFORMATION

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