Substrate wetting additive
TEGO® Twin 4100

DESCRIPTION
As a siloxane-based gemini surfactant, TEGO® Twin 4100 combines substrate wetting and anti-crater effects with some defoaming properties. It is highly compatible and suitable for a wide range of different coatings and applications.

KEY BENEFITS
- universal application
- good effectiveness
- excellent crater prevention and elimination

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

not suitable partly suitable suitable

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>active matter content</td>
<td>100 %</td>
</tr>
<tr>
<td>appearance</td>
<td>colored slightly hazy liquid</td>
</tr>
<tr>
<td>chemical description</td>
<td>siloxane-based gemini surfactant</td>
</tr>
</tbody>
</table>

SOLUBILITY

<table>
<thead>
<tr>
<th>Solvent</th>
<th>TEGO® Twin 4100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>soluble</td>
</tr>
<tr>
<td>Ethanol</td>
<td>soluble</td>
</tr>
<tr>
<td>TPGDA</td>
<td>partly soluble</td>
</tr>
<tr>
<td>Acetone</td>
<td>soluble</td>
</tr>
<tr>
<td>Butylacetate</td>
<td>partly soluble</td>
</tr>
<tr>
<td>Mineral Spirits</td>
<td>soluble</td>
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</tbody>
</table>

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.
- Addition at the let-down stage is recommended.

HANDLING & STORAGE
When stored in an original unopened packaging between +4 and +40 °C, the product has a shelf life of at least 24 months from the date of manufacture.

MSDS & REGULATORY INFORMATION

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