Additive OF

Stabilizer additive/Moisture scavenger for solventborne polyurethane coatings, 100% Active

Description

Additive OF is a low viscosity, clear liquid which is used to eliminate moisture in solventborne 1K and 2K polyurethane coatings.

Characteristic Data

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Clear colorless liquid</th>
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</thead>
<tbody>
<tr>
<td>Color</td>
<td>APHA: Max. 20</td>
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<tr>
<td>ISO 6271</td>
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<tr>
<td>Content of</td>
<td>Ethyl Orthoformate: Min. 99 %</td>
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<tr>
<td>OMG Borchers 100-71</td>
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</tbody>
</table>

Properties

Additive OF is used to eliminate the moisture in two-component polyurethane systems by chemical reaction. Additive OF is compatible with most polyol and isocyanate components but may have storage stability issues in some combinations and must be tested carefully.

Applications

Additive OF is suitable for solventborne polyurethane coatings and can be added both to the polyol and isocyanate components. The combination of Additive TI and Additive OF in the formula stabilizes the polyurethane coating. Direct contact between Additive TI and Additive OF should be avoided as this could render them ineffective. In pigmented one-component polyurethane formulations Additive TI should be added to the dispersion phase to remove any water present and then Additive OF should be added in the letdown.

Dosage

The recommended range of Additive OF is 1 - 3 % as supplied based on the total weight of the coating. Exact amounts should be experimentally determined and will be dependent on the individual system.

Storage

Protect from the effects of weathering and store at temperatures between 5 and 30 °C. Once opened, containers should be resealed immediately after each removal of the product.
Safety

Details of product safety can be found in our material safety data sheet.