Alkali Swellable Associative Thickener
TryThix 301

TryThix 301 associative thickener is a low viscosity acrylic emulsion for alkali swellable associative thickener of water base paints and inks.

The main polymer-backbone of TryThix 301 thickener emulsion has hydrophobically-modified acrylcester polymer containing carboxylic acid which can be easily neutralized with a base such as: ammonia caustic soda, organic amine, potassium hydroxide etc.

TryThix 301 thickener emulsions are swellable not only with alkali, but also with associative mechanisms above the PH of 6.5.

Main advantages of TryThix 301 thickener emulsion include the following:

- Paints and inks are thickened. They do not exhibit any remarkable viscosity change in long term storage. Excellent tropical stability and freeze-thaw stability.
- Paints and inks show lower foaming when being manufactured.
- Tinted paints show lower color floating problems compared to other tinted paints based on the HASE thickened paints.
- Paints and inks are less likely to have the same viscosity than those thickened with HEC.

Physical Properties

<table>
<thead>
<tr>
<th>Solids Content</th>
<th>29-31%</th>
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</thead>
<tbody>
<tr>
<td>Viscosity (25°C)</td>
<td>70cPs Max</td>
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<tr>
<td>Density (25°C)</td>
<td>Ca 1.05</td>
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<tr>
<td>pH Level</td>
<td>2-3.5</td>
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<tr>
<td>Ionic charge</td>
<td>Anionic</td>
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</tbody>
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Safety and Handling

TryThix 301 is slightly irritating to the skin and eyes. Avoid contact with skin and eyes. When handling, wear impervious rubber gloves and goggles/face mask.

A safety shower or eye wash station should be made available in the event of unnecessary contact. Further detailed information can be found in the MSDS sheet.

Packaging

- 200Kg drums
- Store in closed container at 5-40°C