ACRYSOL™ SCT-275
Nonionic Urethane Rheology Modifier for Latex Paints

Description

ACRYSOL SCT-275 is an efficient nonionic, hydrophobically modified ethylene oxide urethane (HEUR) rheology modifier which imparts excellent rheological properties to latex based coatings.

Use of ACRYSOL SCT-275 in combination with other thickeners or alone can yield the following benefits:

Improved flow and levelling, better balance of sag/flow, increased film build, excellent spatter resistance, uniform edge coverage, excellent film appearance during and after application resistance to syneresis.

ACRYSOL SCT-275 is recommended for use in flat to semigloss paints and primers. It can be used in both interior paints (where improved hiding is desired) and exterior paint where flow and coverage can be significantly upgraded from traditional cellulosic thickening systems.

ACRYSOL SCT-275 is particularly suited for low solids, vinyl acrylic formulations where it yields excellent flow/sag balance, colour acceptance and syneresis resistance.

ACRYSOL SCT-275 is available as an easy to handle liquid.

Features

- Outstanding application properties
- Excellent finished paint appearance
- Provided as low viscosity liquid
- Biostable

Advantages

- Good in-can appearance, thickening efficiency, excellent spatter resistance
- High gloss development, flow and levelling, water resistance and uniform film formation
- Easy to handle and incorporate during manufacturing process
- Resistance to microbial attack

Typical Physical Properties

These properties are typical but do not constitute specifications.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Appearance</td>
<td>Hazy liquid</td>
</tr>
<tr>
<td>Chemical Type</td>
<td>Nonionic</td>
</tr>
<tr>
<td>Solids, %</td>
<td>17.5</td>
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<tr>
<td>Solvent</td>
<td>DGBE*/water (25/75)</td>
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<tr>
<td>Specific Gravity, @ 25°</td>
<td>1.032</td>
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<tr>
<td>Brookfield Viscosity as supplied (25°C)</td>
<td>2500 cps</td>
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*DGBE = Diethylene glycol monobutyl ether

Formulating Guidelines

Contact your local representative for suggested starting point formulations and samples of ACRYSOL SCT-275 urethane rheology modifier.
Safe Handling Information

Based on its composition, ACRYSOL SCT-275 urethane rheology modifier is not expected to be toxic via single, acute, oral or dermal exposure. It may be a mild skin, eye or respiratory irritant.

Rohm and Haas Material Safety Data Sheets (MSDS) contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Government legislation requires workers must have access to and understand MSDS on all hazardous substances to which they are exposed. Thus it is important that you provide appropriate training and information to your employees and make sure they have available to them MSDS on any hazardous products in their workplace.

MSDS should be obtained from your suppliers of other materials recommended in this bulletin.

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