**TAMOL™ 681**

High Performance Hydrophobic Copolymer Pigment Dispersant

**Description**

TAMOL 681 pigment dispersant is a specially-engineered high-performance dispersant that can be used for a variety of applications, including interior and exterior latex paints and flooring adhesive formulations. TAMOL 681 pigment dispersant is 35% solids and formaldehyde-free. This ammonium salt of a hydrophobic copolymer dispersant provides an unmatched combination of benefits, including:

For Flooring Adhesives:

- Highly compatible with the types of fillers commonly used in flooring adhesive formulations, such as calcium carbonate, feldspar, and clays
- Excellent efficiency
- Excellent water resistance

For Paints:

- Stability in paints containing zinc oxide and other reactive pigments
- Improved flow and film-build when used with nonionic rheology modifiers
- Maximum gloss potential
- Improved corrosion resistance

**Typical Properties**

The following properties should not be considered specifications.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear to light yellow slightly hazy liquid</td>
</tr>
<tr>
<td>Chemical type</td>
<td>Hydrophobic copolymer polyelectrolyte</td>
</tr>
<tr>
<td>pH (as shipped)</td>
<td>9.5</td>
</tr>
<tr>
<td>Solids, %</td>
<td>35</td>
</tr>
<tr>
<td>Brookfield Viscosity, cP as shipped</td>
<td>2000-12000</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.09</td>
</tr>
<tr>
<td>Density, lb/gal</td>
<td>9.6</td>
</tr>
<tr>
<td>Solvent</td>
<td>40/60 propylene glycol/water</td>
</tr>
<tr>
<td>Bulking value, gal/lb</td>
<td>0.111</td>
</tr>
</tbody>
</table>

**Material Safety Data Sheets**

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.

Under the OSHA Hazard Communication Standard, 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.

Rohm and Haas Company sends MSDS for all its products, whether or not they are considered OSHA-hazardous, to both the "bill to" and/or "ship to" locations of all its customers upon initial shipment, including samples. If you do not have access to one of these MSDS, please contact your local Rohm and Haas representative for an additional copy.

Updated MSDS are sent upon revision to all customers of record. In addition, MSDS are sent annually to all customers receiving products deemed hazardous under the Superfund Amendments and Reauthorization Act.
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