Product Data Sheet

NeoCryl® XK-350

NeoCryl® XK-350 is an acrylic copolymer emulsion designed for primers against knot bleeding.

Product characteristics
Type - Acrylic copolymer
Freeze/thaw stability - Not stable

Film properties
- Good knots bleeding resistance
- Good stain locking on tropical wood
- Suitable for indoor

Recommendations on formulation and use
- Pigmented primers

Formulating guidelines
- NeoCryl® XK-350 needs coalescent for proper film formation, e.g. 8% Dowanol DPnB (p.b.w. on emulsion on delivery form)
- Use nonionic wetting agents

Delivery form: 42.5 % in water/isopropanol.

Product specifications

<table>
<thead>
<tr>
<th>Property</th>
<th>Range</th>
<th>Unit</th>
<th>GAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Milky white liquid</td>
<td></td>
<td>0059</td>
</tr>
<tr>
<td>Total solids w/w</td>
<td>41.5 - 43.5</td>
<td>%</td>
<td>0001</td>
</tr>
<tr>
<td>pH</td>
<td>4.2 - 5.2</td>
<td></td>
<td>0016</td>
</tr>
<tr>
<td>Visc. Brookfield 25°C</td>
<td>20 - 200</td>
<td>mPa.s</td>
<td>0020</td>
</tr>
</tbody>
</table>

Other product data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Unit</th>
<th>GAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFFT</td>
<td>36</td>
<td>°C</td>
<td>0011</td>
</tr>
<tr>
<td>Density 20 °C</td>
<td>± 1.03</td>
<td>Kg/L</td>
<td>0006</td>
</tr>
<tr>
<td>Free monomer</td>
<td>Max. 500</td>
<td>ppm</td>
<td>0118</td>
</tr>
<tr>
<td>VOC (theoretical)</td>
<td>± 8.283</td>
<td>%</td>
<td></td>
</tr>
</tbody>
</table>

Test methods
Test methods (GAP) referred to in the table(s) are available on request.

Storage guidelines
The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5- 40 ºC. Exposure to direct sunlight should be avoided.

Shelf life
Under above mentioned storage conditions, the shelf life of the resin will be 12 months ex work.

Material safety
A Material Safety Data Sheet for this product is available on request.

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