Product Data Sheet

NeoCryl® XK-30

NeoCryl® XK-30 is an acrylic emulsion designed for isolating primers (stain locking).

Product characteristics
Type - Acrylic copolymer emulsion

Film properties
- Good stain locking primer for nicotine, markers and stains
- Good stain locking on tropical woods
- Water resoluble wood ingredients will be locked
- No specific active pigments necessary like zinc oxide etc. for stain locking performance
- Can be blended with WB alkyls to improve adhesion on wood

Recommendation for end-use
- Walls and ceilings
- Clear and pigmented primers
- Suitable for interior and exterior

Formulating guidelines
- Texanol (Eastman Chemical) is preferred as co solvent
- For optimal performance keep end pH of formulation < 6
- Use non-ionic additives
- Commercially available pigment pastes are usually anionic stabilized (be aware of destabilization)
- Defoamers and PU thickeners broad compatibility
- Rinse all pipelines/hoses thoroughly to prevent coagulation/ contamination with other products (different stabilisation system)

Delivery form: 42.5 % solids in water.

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</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>3.8 - 4.3</td>
<td></td>
<td>0016</td>
</tr>
<tr>
<td>Visc. Brookfield 25°C</td>
<td>Max. 100</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>30</td>
<td>°C</td>
<td>0011</td>
</tr>
<tr>
<td>Density 20°C</td>
<td>± 1.05</td>
<td>kg/l</td>
<td>0006</td>
</tr>
<tr>
<td>Free monomer</td>
<td>Max. 100</td>
<td>Ppm</td>
<td>0118</td>
</tr>
<tr>
<td>VOC (theoretical)</td>
<td>± 0.01</td>
<td>%</td>
<td></td>
</tr>
<tr>
<td>Preservative(s):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMIT/MIT (3:1) (casno. 55965-84-9)</td>
<td>0.0013</td>
<td>%</td>
<td>0222</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 °C. 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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