Technical Data Sheet
Alberdingk® CUR 991

**Characteristic**
Alberdingk® CUR 991 is a solvent free castor oil based polyurethane dispersion. It is ideal for high quality wood coatings.

**Features:**
- Good wood warmth
- Good in-can clarity
- High gloss potential
- Very good abrasion resistance

**Specification:**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>NVW</td>
<td>29.0 – 31.0</td>
</tr>
<tr>
<td>pH value</td>
<td>7.5 – 8.5</td>
</tr>
<tr>
<td>Viscosity</td>
<td>20 - 100</td>
</tr>
</tbody>
</table>

**According to:**
- DIN EN ISO 3251 1.0 g weighed quantity at 105°C
- DIN ISO 976
- ISO 1652, Brookfield RVT Spindle 1/rpm 20/factor 5

**Further typical data*:**

<table>
<thead>
<tr>
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<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFFT</td>
<td>approx. 40</td>
</tr>
<tr>
<td>Koenig hardness</td>
<td>approx. 85</td>
</tr>
<tr>
<td>Elongation at break</td>
<td>approx. 70</td>
</tr>
</tbody>
</table>

**Applications:**
- DIY varnishes
- 1K and 2K floor finishes
- Sports flooring
- High gloss enamels
- Wood furniture
- Automotive basecoats
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Storage:
In originally closed containers ALBERDINGK-dispersions are stable when stored at 20°C for 6 months. The recommended temperature-range for storage is 5 - 30°C. Freezing or storage at higher temperatures than 30°C, can affect the viscosity or the average particle size and finally lead to a sedimentation or coagulation. A contamination with bacteria, fungi or algae can damage the product irreversibly.
ALBERDINGK BOLEY Inc. assures, that the data mentioned under "specification" are stable for 6 months after delivery date, if the product is stored under the recommended conditions. A longer storage does not mean that the product is not usable anymore, but we recommend to check the specification data before use. A warranty after 6 months of storage can not be given by ALBERDINGK BOLEY Inc.

Packaging:
drums (460 lbs)
totes (2205 lbs)
as bulk in tank cars, by agreement.

Safety:
For further information on product safety please refer to the actual material safety data sheet.

Notice:
* General information - the values can not be considered as part of the product specification.