Joncryl® OH 8314
Waterborne 2K with End-of-Pot-Life Indication

**Features**
- End-of-pot-life indication
- Clean water phase
- Chemical resistance
- Corrosion resistance
- Water insensitivity
- Pot life formulation latitude
- Fast through-cure

**Benefits**
- Solventborne characteristics in a waterborne system
- Low foaming
- Operator awareness of application time frame
- Formulation in DTM coatings
- Quick return to service

Suitable for field- and plant-applied coatings.
Joncryl® OH 8314
Innovative polyol dispersion providing pot-life indication

Solventborne characteristics in a waterborne system

Joncryl OH 8314 is a hydroxyl functional acrylic dispersion for two-component polyurethane coatings designed with an indication of end of useful life (pot life). Unique synthesis allows for performance advantages and provides characteristics comparable to solventborne systems. Coatings formulated with Joncryl OH 8314 exhibit good durability and feature a low viscosity, low isocyanate demand with excellent flow and leveling. Innovative processing provides a clean water phase which results in low foaming and reduced water sensitivity, an advantage for various applications.

Typical WB2K systems show no increase in viscosity. Reactions happen in the dispersed phase. Our system behaves like a solvent-based system.

![Graph showing viscosity comparison between 2K solvent based and WB2K with Joncryl OH 8314](image)

**Application Areas**
- Interior/exterior industrial and institutional maintenance
- Interior/exterior metal coatings (DTM and top coats)
- Concrete coatings
- Performance wood applications
- Transportation

<table>
<thead>
<tr>
<th>Physical Properties</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>N.V.</td>
<td>43 - 45%</td>
</tr>
<tr>
<td>Viscosity</td>
<td>100 – 700 cps</td>
</tr>
<tr>
<td>pH</td>
<td>7.8 – 8.3</td>
</tr>
<tr>
<td>Hydroxyl Number</td>
<td>70 mg KOH/g</td>
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<tr>
<td>MFFT</td>
<td>41 – 43°C</td>
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<tr>
<td>Appearance</td>
<td>Milky white emulsion</td>
</tr>
<tr>
<td>Tg</td>
<td>40 - 45°C</td>
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<tr>
<td>Freeze-thaw Stable</td>
<td>No</td>
</tr>
</tbody>
</table>

**Physical Properties**

- **Appearance**: Milky white emulsion
- **Tg**: 40 - 45°C
- **Freeze-thaw**: Stable
- **Values**
  - N.V.: 43 - 45%
  - Viscosity: 100 – 700 cps
  - pH: 7.8 – 8.3
  - Hydroxyl Number: 70 mg KOH/g
  - MFFT: 41 – 43°C

**Application Areas**

- Interior/exterior industrial and institutional maintenance
- Interior/exterior metal coatings (DTM and top coats)
- Concrete coatings
- Performance wood applications
- Transportation

Please contact our technical service department for more help on formulating with products from the Joncryl product line.

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