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Product Data Sheet



NeoCryl® XK-801 XP

Description

NeoCryl® XK-801XP is an acrylic styrene copolymer emulsion with high water and humidity resistance for use in a wide variety of coating application.

Product characteristics

Type - Anionic, acrylic styrene copolymer emulsion

Neutralizing agent - Ammonia

Film properties

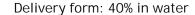
- Good early water resistance
- Clear, hard and humidity resistance
- Adhesion to metals
- Corrosion resistance

Recommendations on Formulation and use

- Anti-corrosion resistance
- Combination with urethanes and alkyds

Formulating guidelines

- Requires the addition coalescent for proper film formation at ambient temperatures
- Suitable types are butyl glycol, Texanol (Eastman Chemical)
- -Combinations with suitable epoxy will increase wet adhesion and corrosion resistance on metal.



Product specifications

| Property | Range | Unit | GAP |
|----------------------|--------------------|-------|------|
| | White, translucent | | |
| Appearance | liquid | | 0059 |
| Solid Content w/w | 39.0-41.0 | % | 0001 |
| рН | 8.5-9.0 | | 0016 |
| Visc.Brookfied 25 °C | 0-150 | mPa.s | 0020 |

Other product data

| Property | Value | Unit | GAP |
|------------------------|----------|------|------|
| MFFT | 33 | °C | 0011 |
| Density 25°C | 1.0-1.05 | Kg/I | 0006 |
| VOC (theoretical) | ± 0.1 | % | |
| Preservative(s): | | | |
| BIT (casno. 2634-33-5) | 0.028 | % | 0222 |
| Free monomer | Max. 500 | ppm | 0118 |

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 condition, the shelf life of the resin will be 12 month ex work.

Material safety

Material safety data sheet is available on request.

Test methods

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

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