



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.

Delivery form: 40% in water

Product specifications

Property	Range	Unit	GAP
Appearance	White, translucent liquid		0059
Solid Content w/w	39.0-41.0	%	0001
pH	8.5-9.0		0016
Visc. Brookfield 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/l	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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