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Akrikan 101

Akrikan 101 – is APEO-free all-purpose styrene-acrylic dispersion with core-shell particles structure. Excellent pigment binding capacity, outstanding water and wear resistance.

Chemical Nature

Aqueous dispersion of styrene / n-butyl acrylate copolymer.
Does not contain plasticizers or solvents.

Product Specification:

Solids content (ISO 1625, DIN 53189), %	50 ±1
Viscosity at 23°C (ISO 3219, DIN 53019), mPa*s	200 - 1000
pH (ISO 1148, DIN 53785)	7,5 - 9,0

Other properties:

Density (ISO 8962 , DIN 53217), g/cm ³	1,04
Particle size, µm	0,1
MFFT (ISO 2115, DIN 53787), °C	13 – 19
Glass transition temperature, T _g , °C	20
Dispersion type	anionic

Application:

- Interior paints and topcoats
- Exterior architectural coatings
- Joint sealants, hard putties and plasters
- Concrete coatings
- Wood lacquers
- Primers

MFFT:

MFFT of Akrikan 101 can be decreased by use of coalescents in formulations, these are: Chemsol ME P, Chemsol IBE P, Texanol, butyl-(di)-glycol acetate.

Safety:

The usual safety precautions when handling chemicals must be observed. These include thorough ventilation of the workplace, good skin care and wearing of protective goggles. Akrikan 101 does not exert any harmful effects provided it is used for the purpose for which it is intended and processed in accordance with current industrial practice. Akrikan 101 may contain technically unavoidable traces of volatile organic compounds. Akrikan 101 may irritate the skin and mucous membranes on prolonged contact with the product.

Storage:

Akrikan 101 has a shelf life of 6 months from delivery date if stored at temperatures between 5°C and 40°C in tightly closed original containers. Avoid freezing of the material! As other dispersions, Akrikan 101 is sensitive to presence of Fe, Cu, Zn, Al. Avoid contacting with these metals or their alloys.