

Acronal[®] PLUS 4641

Chemical Nature

Acrylic copolymer dispersion for the manufacture of interior stain blocking primer and exterior stain blocking latex primers at 100 g/l VOC with reactive pigments.

Properties

Typical Properties

Solids content, weight	%	49.0 – 51.0
pH		7.0 – 8.0
Brookfield Viscosity	cps	100 – 750

Other properties of the dispersion

Specific gravity	g/cm ³	ca. 1.03
	lbs/gal	ca. 8.6
MFFT	°C	ca. 6 – 8
Particle size	nm	ca. 110

Fillers

Amorphous and crystalline calcium carbonate, dolomite, silica flour, fine sand, etc. The good compatibility of Acronal PLUS 4641 with pigments and fillers can be further improved by adding Pigment Disperser A or N if necessary in conjunction with sodium polyphosphate. The made-up compounds can be tinted, for instance, with our water-dispersible Luconyl[®] preparations (inorganic and organic pigments).

Application

Fields of application

Acronal PLUS 4641 is suitable for the manufacture of latex primers for tannin stain blocking with or without reactive pigments and for interior stain blocking primers.

Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

Safety Data Sheet

All safety information is provided in the Safety Data Sheet for Acronal PLUS 4641.

Handling

We recommend low shear transfer pumps in order to avoid unnecessary cavitation during transfer, ie, diaphragm pumps. We recommend filling vessels from the bottom when possible. If the bottom is not feasible, avoid transfer influences that can generate foam. When filtering material we recommend coarse filtration 40mesh or coarser. Storage vessels should have closed headspace to maximize biocide longevity and limit evaporation.

Important

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