

CRILAT 4768 is a styrene acrylic copolymer water based dispersion, free from alkylphenol ethoxylates (APEO-FREE), coalescent and plasticizer, that gives a transparent, flexible and no tacky film, with excellent water resistance.

	Unit	Value	Method
SALES SPECIFICATIONS			
<i>Solid content</i>	%	50±1	MVPF 01
<i>Brookfield Viscosity RVT 20 rpm spindle 3, 23°C</i>	mPa.s	2500±1000	UNI EN ISO 2555
<i>pH</i>		7.5±0.5	ISO 976
TYPICAL VALUES			
<i>Minimum film-forming temperature</i>	°C	0	UNI 8490-14
<i>Glass transition temperature</i>	°C	2	MVANS 01
<i>Particle size distribution</i>	µm	0.11±0.03	MVANS 20
<i>Mechanical stability</i>		Excellent	MVAT 013
<i>Density at 23°C</i>	Kg/dm ³	1.06	MVPF 18

APPLICATIONS

CRILAT 4768 is used in particular for textured coatings and water proof membranes where high water resistance is needed, even where there is stagnant water.

SPECIFIC PROPERTIES

The main properties that characterize CRILAT 4768 behaviours are:

- low minimum film forming temperature, no coalescing agents are needed;
- high water resistance (CRILAT 4768 film show high water resistance in terms of absorption, whitening and barrier);
- good flexibility; even at low temperatures;
- free from coalescent and plasticizers;
- excellent alkali resistance that allows to formulate paint and textured coating for

- exterior application even with high alkalinity of the substrate;
- low dirty pick-up.

CRILAT 4768 is the right solution to formulate water based paints, textured coatings, water proof membranes characterize by a good adhesion, water resistance and medium flexibility.

PACKAGING

CRILAT 4768 is available in bulk, in 1000 l IBCs and in 125 Kg drums.

HANDLING, TRANSPORT AND STORAGE

The product has a shelf life of 6 months starting from the dispatch date, if stored in the original, unopened containers at temperatures between

5 and 40°C and if stored and transported hygienically, avoiding frost and direct sunlight.

An indoor warehousing is highly suggested for product delivered in packed conditions.

Skins or lumps can be formed during storage and transport of the dispersion, due to its film forming nature and weathering conditions.

A filtration or sieve process is recommended before further processing. For bulk storage, regular stirring is suggested.

For IBCs or drums, product tends to film on the top of the surface of the packaging, therefore it should be stored indoor, avoiding direct sunlight and carefully transported.

The dispersion contains some initial quantity of bactericide, according to the state of the art and to actual Regulatory laws.

However, it is highly suggested to post-add further quantities of biocides to avoid problems with microorganisms, especially after the first opening of drums, IBCs, tanks or other storage facilities.

All tanks and pipework, as well as hoses and pipes of the tankers, should be kept adequately clean.

In case of storing in unstirred tanks, a layer of preservative-containing water should be sprayed onto the surface of the dispersion to prevent the formation of unwanted skins and possible attack by microorganisms.

Proper procedures, periodic tank cleaning and sanitization, must be set up in order to prevent microbial attack.

All water based finished products, manufactured from polymer dispersions, usually require preservation, too.

For more information, please contact your biocide representative.

We recommend using the product under safety precautions, as described in the SDS.

ENVIRONMENT, REGULATORY AND SAFETY

Exhaustive information is provided in the product Material Safety Data Sheet, available on request or downloadable from Vinavil website at www.vinavil.com.

Product regulatory information might be obtained through our regulatory department by contacting Vinavil local sales representative, technical assistance or customer service at vinavil@vinavil.it.

If the product is used in applications other than those mentioned, the choice, processing and use of the same are under the sole responsibility of the purchaser.

All legal and other regulations must be complied with.