

AakoFilm PA-16

VP/Hexadecene Copolymer

Description

AakoFilm PA-16 is a light colored liquid film former which shows superior long lasting water repellency and rub resistance. AakoFilm PA-16 is also an excellent pigment dispersant and suspending agent for sun screen pigments such as Titanium Dioxide (AakoSun TiO₂) and Zinc Oxide (AakoSun ZnO). As a result addition of AakoFilm PA-16 is able to boost the SPF of sun screen formulations.

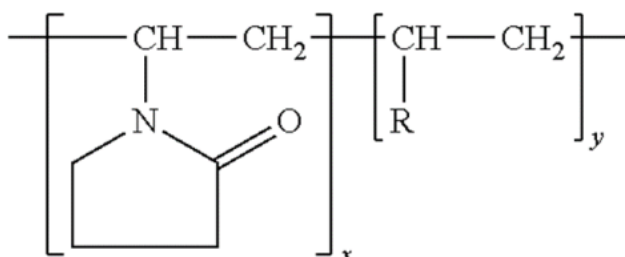
Aakofilm PA-16 is a useful ingredient to include in long-lasting sunscreen creams and lotions or anhydrous formulations.

Aakofilm PA-16 is liquid at room temperature and can be used in cold-process formulations. Premix AakoFilm PA-16 with pigments or oil soluble UV-filters for easy incorporation. AakoFilm PA-16 is amphiphilic and will usually enhance the stability of emulsions. However, it may be necessary to adjust the level of traditional emulsifiers if adding AakoFilm PA-16 to an existing formulation.

Use level in sun care formulations 1-2 %.

Aakofilm PA-16 can also be used in other applications such as insect repellency, colour cosmetics, skin and hair care.

Chemical name	Vinylpyrrolidone Hexadecene Copolymer
INCI name	VP/Hexadecene Copolymer
CAS number	32440-50-9



R = Hexadecyl

AakoFilm PA-16

Typical properties

Appearance	Clear viscous liquid
Solids content	96 % Minimal
Colour (50% w/w in Toluene)	≤ 1

Storage:

When stored cool in the original unopened containers, this product has a usable life of 24 months from the date of production.