

Acrylic emulsion for Cosmetics

VINY SOL 2140L**1. INTRODUCTION**

VINY SOL 2140L was developed for use in cosmetics. It is an Alkyl acrylates・Vinyl acetate copolymer emulsion. The film of this product maintains its features in water at around 25℃, while lukewarm water at roughly 40℃ will start to break down the film. Using this in a mascara will let you feature the product as 『Easily removable make up with lukewarm water』. This also conforms to the non-medical raw material of Alkyl acrylates・Vinyl acetate copolymer emulsion.

2. COMPOSITION CHARACTERISTIC

Ingredient	Alkyl acrylates・Vinyl acetate copolymer emulsion
INCI name	ACRYLATES/VA COPOLYMER
Features	The film is easily removed with lukewarm water. The emulsion feels great when being applied.

3. SPECIFICATION

Appearance	White emulsion with slight characteristic odor
Non-volatilization Ingredient	45 wt%
Viscosity(at30℃)	2,000 mPa・s
p H	4.5
Calculated Tg	−9℃
MFT	0℃
Ionic character	Non ion
Microbe exam.	Pass

4. FILM PROPERTIES*1

Breaking elongation	1,200 %
Breaking strength	1.2 MPa

*1 exam.sample : 30mm×10mm×0.1mm (thickness)

exam. speed : 100mm/min

