

RHEOPEARL

Oil Thickening Series

- Can Make Transparent and/or Thixotropic Soft/Hard Gel
- Increase the Viscosity of Oils
- Stabilize Emulsion System (W/O)
- Rheological Modifier of Waxes
- 100% Plant Origin



GENERAL INFORMATION



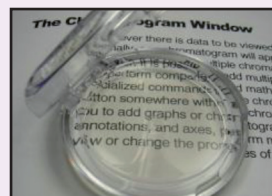
Chiba Flour Milling Co., Ltd.

Miyoshi Europe, as the exclusive distributor of Chiba Flour Milling Co.,Ltd. also offers unique Oil thickening agents from Plants origin, named Rheopearl Series.

Chiba Flour Milling Co.,Ltd. has been synthesizing the Rheopearl Series of products obtained by the esterification of sugars and fatty acids that have been used as an oil gelling agent since the early 1970's in Japan. Together with its gelling properties of various Hydrocarbons, Esters and Triglycerides, the Rheopearl series provides excellent stability in emulsions.

Stable Oil gels can be easily obtained by dissolving Rheopearl at elevated temperatures, and cooled without stirring.

Trade name	Rheopearl KL2	Rheopearl TT2	Rheopearl MKL2	Rheopearl ISK2
INCI	Dextrin Palmitate	Dextrin Palmitate/ Ethylhexanoate	Dextrin Myristate	Stearoyl Inulin
Gelling of oils	Hydrocarbons Esters Triglycerides			D5 Cyclomethicone
	Transparent hard gels	Transparent Soft/ Thixotropic gels	Transparent hard gels	White hard gels
Increase viscosity of oils	Yes			No
Stabilization of emulsion system	Yes			Yes 100% w/s
Pigment dispersion aid	Yes			
Rheological Modification of waxes	Soften waxes			Harden waxes



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UNIFILMA HVY

Super Film Former

- Excellent Adhesiveness to Skin and Hair
- Quick Film-Forming
- Forms a Soft and Flexible Film
- Plant-Origin Film Forming Agent
- Compatible with a Large Range of Oils



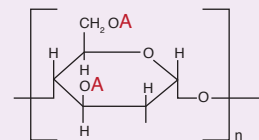
GENERAL INFORMATION



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Unifilma HVY is a plant-origin film forming agent which has unique characteristics. Compared to other film-forming agents, Unifilma HVY shows various benefits, especially the flexibility and the shape retention of film formed. Due to its high affinity with the keratin, it's a good help for haircare & mascara product. The film formed can provide WATERPROOF properties for O/W formulation.

INCI NAME : Dextrin Isostearate



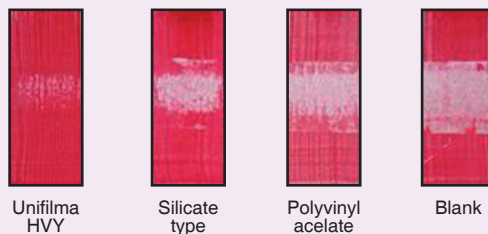
A : Isostearoyl group or Hydrogen
n : Degree of Polymerization

USED IN MASCARA



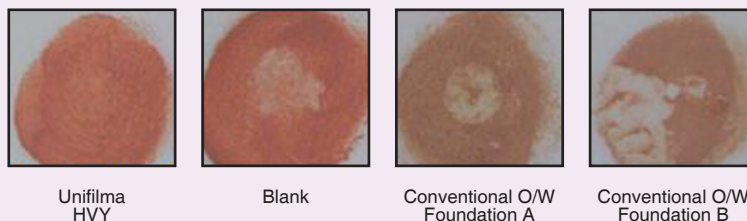
Unifilma HVY adheres to the eyelash easily, and forms the film very quickly

USED IN GLOSS



Unifilma HVY prevents peelability of film, and color transfer

USED IN O/W FOUNDATION



Waterproof sunscreens and O/W foundations are available

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