

Koboguard® 50AMP

Water soluble film former

Koboguard® film formers help to enhance adhesion and substantivity of the cosmetic formulation to the skin, lashes, hair or nail. They improve water resistance and rub resistance. They also have no odor, impart gloss and help suspend pigments while maintaining excellent color stability which makes them an ideal substitute for rosins and their counterparts.

Koboguard® 50AMP is a water soluble film former. It creates a flexible and long lasting film on the skin. It gives water resistance properties with very low tackiness. It is easy to use by simply adding in the water phase. It is a glossy, milky white emulsion. Preferred usages are in eyeliner, mascara, eyeshadow, foundation and BB cream, lip laquer, and skin care.



Pictures of Eyeliner Control and Eyeliner with Koboguard® 50AMP comparison of before (left) and after 15 wipes under running water (right)

Product Name	INCI Name	Active
Koboguard® 50AMP	Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol	48%

Shiny Eyeliner with KOBOGUARD® 50AMP

Formula KEL-011-EU

Part 1

- Deionized Water 28.00%
- Glycerin - Interchimie: Glycerin 3.00%
- Natrosol® 250HHR CS - Hercules: Hydroxyethylcellulose 1.00%

Part 2

- **KOBOGUARD® 50AMP** - Kobo Products: Acrylates/Ethylhexyl Acrylate Copolymer (And) Aminomethyl Propanol 35.00%
- **WSJ10CB-NP** - Kobo Products: Black 2 (And) PEG-40 Hydrogenated Castor Oil (And) Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Aminomethyl Propanol (And) Sodium Dehydroacetate 30.00%

Part 3

- Sepicide LD - SEPPIC: Phenoxyethanol 1.00%

Part 4

- **SESQ-MH5** - N&M/Kobo Products: Polymethylsilsesquioxane (And) Silica 2.00%

Manufacturing Procedure

1. Heat water to 90°C and add Natrosol® 250 HHR CS premix in Glycerin under propeller agitation.
2. Allow Part 1 to cool while stirring to form a gel.
3. Add Part 2 to Part 1. Mix at 300 rpm for 10 min.
4. Add Part 3 and mix at 300 rpm for 5 min.
5. Add Part 4 slowly while mixing.

Description

This eyeliner features Koboguard® 50AMP which forms an easy to apply, long-wearing, shiny and water-resistant film. WSJ10CB-NP Carbon Black is an easy to use Carbon Black water dispersion that gives an intense and strong black color. SESQ-MH5 is a polymer microsphere, it helps to provide slip to the formula with a smooth application.

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