

Gel Eyeliners "Ink Black"

- Sharp lines, long wear, designable formulation.
- Free from polyethylene and conventional petrochemicals
- Mass market, vegan formula.

Ingredient Trade Name	INCI Name	%	
Phase A			
Kester Wax K-82P ¹	C18-38 Alkyl Hydroxystearoyl Stearate	7.0	6.0
SynKos 2030 ¹	Synthetic Wax*	13.0	--
SynKos 2060 / SynKos 2065 ¹	Synthetic Wax*	--	11.0
Dermol DISM ²	Diisostearyl Malate	4.0	5.0
Mica Sericite 285 ³	Mica	10.0	10.0
Phase B			
Unipure Triple Black LC990 ⁴	Iron Oxides CI77499	19.08	19.72
Belsil PDM 20 ³	Trimethylsiloxyphenyl Dimethicone	10.92	11.28
Phase C			
Belsil TMS 803 ³	Trimethylsiloxy silicate	10.0	10.0
Jeesilc CPS-211 ⁵	Cyclopentasiloxane	26.0	27.0



Product	Function	About	% Usage	Natural
SynKos Waxes	Thickening, Texturizing	Economical synthetic wax for thickening systems.	1-20%	
Kester Wax K-82P	Plasticizer	Highly compatible plasticizer that can increase stability and melt point. Offers tremendous texture options in all applications.	0.25-20%	

PROCEDURE

- Combine Phase B ingredients and mix until homogeneous, milling if needed.
- Combine Phase A ingredients, increasing heat and mixing as needed for uniform product.
- Slowly add Phase B to A with mixing, continue until uniform.
- Premix Phase C and add to batch.
- Pour into containers at 80-85 °C and cool to room temperature.

***Additional Notes:** These formulas can be further modified by using different **SynKos Waxes** from the **SynKos Wax series (choice of 2030, 2040, 2050, 2060, 2065 or combinations)**. The high amount of combinations allows for multiple changes in product attributes such as melt point, slip, hardness, pick-up, etc. In some cases, exchanges in **SynKos Waxes** will require some reformulation.

Looking for additional formulas? Try our Formula Selector Tool at: <https://www.kosterkeunen.com/pcformulationguide/>

Stability information: Three months at 45 °C, three months at room temperature, three freeze/thaw cycles.

Supplier information: 1. Koster Keunen, Inc.; 2. Alzo International; 3. Brenntag specialties; 4. Sensient; 5. Jeen International.



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