



KPR-003-EU

# Even Out & Illuminate Putty Primer SPF 15



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
13.45	DUB ZENOAT	Propanediol dicaprylate	Stearinerie Dubois
7.00	INP70ZSI	Zinc Oxide (And) Isononyl Isononanoate (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane	Kobo Products
7.00	TNP65MZS	Zinc Oxide (And) C12-15 Alkyl Benzoate (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane	Kobo Products
6.50	MSS-500/N	Silica	Kobo Products
5.00	CARESS® BN06	Boron Nitride	Kobo Products
3.75	KF-6038	Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	Shin Etsu
2.00	KSG-320	Isododecane (And) PEG 15/Lauryl Dimethicone Crosspolymer	Shin Etsu
1.50	MSS-500/3N	Silica	Kobo Products
<b>Part 2</b>			
4.00	Beeswax Yellow	Beeswax	Koster Keunen
4.00	Akofine P	Hydrogenated Vegetable Oil	AAK
<b>Part 3</b>			
3.00	PUROLAN™ IDD	Isododecane	Lanxess
3.00	KOBOGUARD® 5400 IDD	Hydrogenated Polycyclopentadiene (And) Isododecane	Kobo Products
<b>Part 4</b>			
3.00	PUROLAN™ IDD	Isododecane	Lanxess
2.00	KTZ® APRICOT-11S4	Mica (And) Titanium Dioxide (And) Iron Oxides (Ci 77491) (And) Carmine (And) Triethoxycaprylylsilane	Kobo Products
<b>Part 5</b>			
28.00	Deionized Water	Water	
5.00	Butylene Glycol	Butylene Glycol	Univar
1.00	Mg Sulphate Heptahydrate	Magnesium Sulphate Heptahydrate	Fisher Scientific
0.40	SymDiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
0.40	Symsave® H	Hydroxyacetophenone	Symrise
100.00			

## Description:

This is a hot pour, w/o emulsion system that has a putty-like texture. This formula can be applied to the face evenly with a sponge to give a thin layer for an instantly evened out and illuminated look. If applying foundation on top, leave it to set for a few minutes. A combination of very small particle size (INP70ZSI) and medium particle size (TNP65MZS) Zinc Oxide dispersions provide UV protection. MSS-500/N, CARESS® BN06 and MSS-500/3N are responsible for the skin tone evening and smoothing effect. KOBOGUARD® 5400 IDD is added to give better adhesion to the skin. KTZ® APRICOT-11S4, a natural mica substrate based skin tone pearlescent pigment with silane treatment, which provides the subtle illumination.

## Manufacturing Procedure:

1. Prepare Part 1 and homogenize until smooth.
2. Add Part 2 to Part 1 and heat until the waxes are melted.
3. Add Part 3 and get T back up 75° C.
4. Prepare a slurry of the KTZ® APRICOT-11S4 in IDD by adding the IDD in parts to the pearl and mixing to make sure there are no lumps.
5. Prepare Part 5 and heat up to 80° C.
6. Emulsify under propeller stirrer, 800 rpm until all the Part 4 is taken in.
7. Move to homogenizer (tubular round hole), homogenize for 1.5 minutes at 5000 rpm. Then turn the speed down to 1500 rpm and add the pearl slurry. Mix till homogenous.
6. Pour at 60° C and refrigerate for 15 minutes to set.

## Active Inaredient(s):

Zinc Oxide 9.10%

## Testing:

SPF: in vivo on 5 subjects  
UVA-PF: in vitro method  
CW: FDA method



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