



KSL-469D-EU

# Silicone & Alumina Free Perfecting Tint (Natural)



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
20.00	SO60MZJ	Zinc Oxide (And) Helianthus Annuus (Sunflower) Seed Oil (And) Jojoba Esters	Kobo Products
13.00	GCP55TJ-E	Titanium Dioxide (And) Caprylic/Capric Triglyceride (And) Jojoba Esters (And) Polyhydroxystearic Acid (And) Stearic Acid	Kobo Products
11.70	Dub 810 C	Coco-Caprylate/Caprate	Stearinerie Dubois
3.00	SunBoost ATB Natural	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
3.00	Polyaqual VO4	Polyglyceryl-4 Oleate, Polyglyceryl-6 Oleate, Polyhydroxystearic Acid	Innovacos
2.10	OD55YJE	Iron Oxides (CI 77492) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
0.30	OD75RJE	Iron Oxides (CI 77491) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
0.20	OD75BJE	Iron Oxides (CI 77499) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
<b>Part 2</b>			
38.00	Deionized Water	Water	
4.00	Zemea	Propanediol	Du Pont, Tate & Lyle
1.50	Mg Sulfate Hept	Magnesium Sulphate Heptahydrate	Fisher Scientific
0.70	SymDiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
0.50	Sensiva PA 40	Phenylpropanol (and) Propanediol (and) Caprylyl Glycol (and) Tocopherol	Schulke
<b>Part 3</b>			
1.00	MSS-500/N	Silica	Kobo Products
1.00	CELLULOBEADS D-10-NPC2	Cellulose (And) Hydrogenated Lecithin	Kobo Products
100.00			

## Description:

This is a cold process, easy-to-make, natural w/o emulsion with a skintone-evening benefit, providing high UV protection. GCP55TJ-E, a natural, non-nano dispersion of 35 nm PPS, alumina-free TiO<sub>2</sub>, gives a light, opacifying effect. This dispersion is combined with SO60MZJ, a natural, non-nano dispersion of Zinc Oxide to provide broad spectrum protection. SunBoost ATB Natural is used to boost the UV protection and provide skin protection benefits. The OD dispersions are used to achieve skin color. MSS-500/N and CELLULOBEADS D-10-NPC2 are added for slip, ball bearing effect and soft creamy feel respectively, jointly mimicking the sensory attributes of microplastic powders.

## Manufacturing Procedure:

1. Add Part 1 ingredients sequentially with mixing after each addition.
2. Prepare Part 2.
3. Add Part 2 to Part 1 under prop stirrer with mixing at 1000rpm.
4. After emulsification, homogenize for 3 minutes at 4000 rpm using round hole head.
5. Add Part 3 and mix until homogeneous.

## Active Inaredient(s):

Zinc Oxide	11.40%
Titanium Dioxide	6.63%

## Testing:

SPF: in vivo on 3 subjects  
 UVA-PF: in vitro method  
 CW: FDA method



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