

NATURAL LOOSE POWDER

NLP-03/0316

A natural-treated loose mineral powder that shows excellent color development, better adhesion, even application & smooth feel on skin. Due to surface treatment pigment with **Lauroyl Lysine (PP) & Alkyl Silane (CS)** creates hydrophobic system with enhanced dispersion, increased wear properties, velvet touch and make up with a wet feel and a natural skin effect on the skin.

#	INGREDIENTS	INCI NAME	% DOSAGE	FUNCTION
1	Koelin - 1188 PP	Talc (CI 77718), Lauroyl Lysine	61.557	Filler
2	Koelin – 1910 PP	Titanium Dioxide (CI 77891), Lauroyl Lysine	5.232	Colour/Pigment
3	Koelin - 1197 PP	Mica, Lauroyl Lysine	10.773	Filler
4	Calcium Carbonate	Calcium Carbonate	3.693	Filler
5	Zinc Stearic	Zinc Stearate	3.693	Filler
6	Koelin-1919 CS	Iron Oxide Red (CI 77491), Octyltriethoxysilane	0.362	Colour/Pigment
7	Koelin- 1929 CS	Iron Oxide Yellow (CI 77492), Octyltriethoxysilane	2.010	Colour/Pigment
8	Koelin 1999 CS	Iron Oxide Black (CI 77499), Octyltriethoxysilane	0.055	Colour/Pigment
9	Unipure	Corn Starch	6.156	Binder
10	Baycusan 1005	Polyurea powder (Methoxy PEG-11/ Methoxy PEG-17/HDI Isocyanurate Trimer Crosspolymer)	6.156	Texturing Agent
11	Benzoic Acid	Benzoic Acid	0.308	Preservative
			100	

PROCEDURE :

Combine all ingredients through pulverizer until color is fully extended.

Fill containers

PHYSICAL PARAMETERS :

Appearance: Brownish light powder

pH at RT : N.A.

SUPPLIER REFERENCES :

- Ingredient No. 1,2,3,6,7,& 8 – **Koel Colours**
- Ingredient No. 9 – Ingredion
- Ingredient No. 10– Covestro



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COMPACT POWDER

CP-04/0416

The Silane coated pigments of Yellow, Red and Black Iron Oxides forms the base color of this light and elegant Compact Powder, the pigment surfaces are smooth, flat and less fluffy thus easier to press. Other surface treated natural pigments creates hydrophobic system with enhanced dispersion, increased wear properties, giving the substrate a smooth, moist feel & also improves the pay off and overall texture of the final product.

	#	INGREDIENTS	INCI NAME	% DOSAGE	FUNCTION
PHASE A	1	Koelin - 1188 PP	Talc (CI 77718), Lauroyl Lysine	61.84	Filler
	2	Koelin - 1910 PP	Titanium Dioxide (CI 77891), Lauroyl Lysine	5.594	Colour/Pigment
	3	Koelin - 1197 PP	Mica, Lauroyl Lysine	11.517	Filler
	4	Calcium Carbonate	Calcium Carbonate	3.949	Filler
	5	Zinc Stearic	Zinc Stearate	3.949	Filler
	6	Koelin-1919 CS	Iron Oxide Red (CI 77491), Octyltriethoxysilane	0.387	Colour/Pigment
	7	Koelin- 1929 CS	Iron Oxide Yellow (CI 77492), Octyltriethoxysilane	2.149	Colour/Pigment
	8	Koelin 1999 CS	Iron Oxide Black (CI 77499), Octyltriethoxysilane	0.059	Colour/Pigment
	9	Unipure	Corn Starch	6.156	Binder
PHASE B	10	Dimethicone	Dimethicone	0.600	Conditioning Agent
	11	Ceraphyl 847	Octyldodecyl Stearoyl Stearate	1.600	Emollient/Binder
	12	Ceraphyl ODS	Octyldodecyl Stearate	1.600	Emollient/Binder
	13	Lanoline Anhydrous	Lanoline Anhydrous	0.200	Moisturing Agent/Binder
	14	Euxyl 9010	Phenoxyethanol, Ethylhexyl Glycerin	0.400	Preservative
				100	

PROCEDURE :

Mix the ingredients of phase A until the blend is homogeneous then pass through pulverizer until color is fully extended. Add the previously pre-mixed binders-phase B and mix again until the whole phase is homogeneous.

Fill the bulk into pans and press with the desired pressure.

PHYSICAL PARAMETERS :

Appearance: Brownish cake pan

Viscosity by Brookfield (RVT Spindle, 10 RPM @ 25°C) : N.A.

pH at RT : N.A.

SUPPLIER REFERENCES :

- Ingredient No. 1,2,3,6,7,& 8 – Koel Colours
- Ingredient No. 9 – Ingredion
- Ingredient No. 11,12– Ashland
- Ingredient No. 14 – Schulke & Mayr



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