

## Starting point formulation – Compact powder with SPF – perfect finish

This compact powder with SPF offers a natural, lightweight finish. **CLAYTONE-VP V XR** provides exceptional binding performance while keeping the excellent pay off properties of the formulation. **PURABYK-P 5541 SATIN** contributes to a smooth, comfortable sensory feel on the skin without causing any whitening effect.

### Formulation

Position	Component	INCI	Supplier	Function	Dosage (%)
A	Agenaflo 9050	Corn Starch Modified	AGRANA	Mattifier	11.50
	SYNAFIL S 1050	Synthetic Fluorphlogopite	Eckart	Filler	30.00
	CLAYTONE-VP V XR	Quaternium-90 Bentonite	BYK	Rheology modifier	3.00
	PURABYK-P 5541 SATIN	Bentonite	BYK	Mattifying agent, absorbing agent	17.50
	PARSOL DHHB	Diethylamino Hydroxybenzoyl Hexyl Benzoate	dsm-firmenich	UV-A filter	3.00
	RonaFlair Boroneige SF-12	Boron Nitride	Merck	Soft focus effect	2.00
	Magnesium Stearate	Magnesium Stearate	Sigma-Aldrich	Emulsifier, stabilizer	3.00
	Goldmann Fe Red	CI 77491	S.Goldmann GmbH & Co. KG	Colorant	0.20
	Goldmann Fe Yellow	CI 77492	S.Goldmann GmbH & Co. KG	Colorant	1.00
	Goldmann Fe black	CI 77499	S.Goldmann GmbH & Co. KG	Colorant	0.15
	Goldmann Ti White R	CI 77891 (Rutil)	S.Goldmann GmbH & Co. KG	Colorant	5.15
	RonaCare Zinc Oxide	Zinc Oxide	Merck	Active	1.50
B	XIAMETER PMX 200 SILICONE FLUID 10 CST	Dimethicone	Dow	Silicone, emollient	2.50
	Parsol 340	Octocrylene	dsm-firmenich	UV-B filter	5.00
	PARSOL MCX	Ethylhexyl Methoxycinnamate	dsm-firmenich	UV-B filter	4.00
	MIGLYOL Coco 810	Coco-Caprylate/Caprates	IOI Oleo	Emollient	4.00
	Cegesoft C 24	Ethylhexyl Palmitate	BASF	Emollient	1.50
	MCT-Oil Bio	Caprylic/Capric Triglyceride	Gustav Heess	Emollient	4.00
	Vitamin E natural	Tocopherol	Hallstar	Active, antioxidant	0.50
C	Euxyl PE 9010	Phenoxyethanol (and) Ethylhexylglycerin	Ashland	Preservative	0.50
<b>Total</b>					<b>100.00</b>

### Instructions (manufacturing procedure)

- Weight in all powders of phase A but pigments and mix 30 sec. at 2,400 rpm with the speedmixer.
- Add pigments and mix 30 sec. at 2,400 rpm.
- Add all liquid ingredients (phase B and C) and mix again 30 sec. at 2,400 rpm.
- Transfer the powder through a sieve to avoid agglomeration (2-4 times).
- Press at 50 bar into the form (diameter: 26 mm).

### Characteristic data

- Appearance: light beige pressed powder.
- Storage stability: 3 months at 40 °C.

### CLAYTONE-VP V XR

is an organically modified bentonite and acts as a binder in pressed powder formulations.



Your local  
contact

**BYK-Chemie GmbH**  
Abelstraße 45  
46483 Wesel  
Germany  
Tel +49 281 670-0

[info@byk.com](mailto:info@byk.com)  
[www.byk.com](http://www.byk.com)

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