

## Starting point formulation – Deo stick – mild comfort

Deo stick with sodium bicarbonate as deo active. GARAMITE-7308 XR stabilizes and gives texture while PURABYK-P 5541 SATIN offers humidity absorption and nice sensory aspects on skin without whitening.

### Formulation

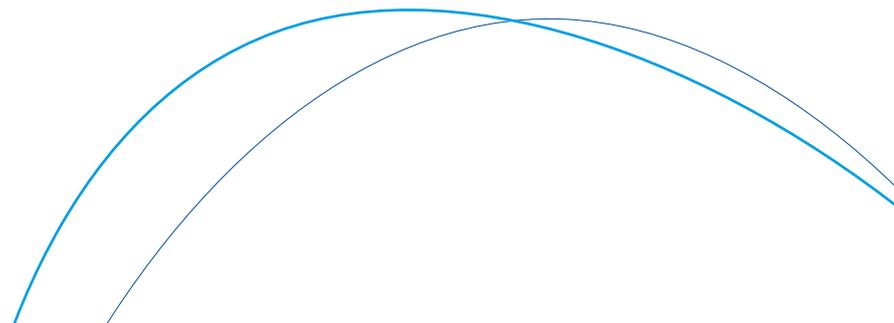
Phase	Tradename	INCI	Supplier	Function	Dosage (%)
A	Kahlwax 6607 MB Sunflower	Helianthus Annuus Seed Cera, Ascorbyl Palmitate, Tocopherol	Kahl	Consistency providing agent	7.00
	Kahlwax 6290 Berry	Rhus Verniciflua Peel Cera	Kahl	Consistency providing agent	3.00
	Lanette O	Cetearyl Alcohol	BASF	Stabilizer	9.00
	Ricinusöl kbA	Ricinus Communis Seed Oil	Gustav Heess	Emollient	16.70
	Myritol 318	Caprylic/Capric Triglyceride	Evonik	Emollient	26.00
B	GARAMITE-7308 XR	Quaternium-90 Sepiolite, Quaternium-90 Montmorillonite	BYK	Rheology modifier	1.00
C	Sodium Bicarbonate	Sodium Bicarbonate	DKSH	Absorbing agent	20.00
	Neo Heliopan ZnO 300	Zinc Oxide, Trihydroxycaprylsilane	TH. Geyer	Colorant	1.00
	PURABYK-P 5541 SATIN	Bentonite	BYK	Absorbing agent	16.00
D	Japanese Romance	Parfum	Bell	Fragrance	0.30
<b>Total</b>					<b>100.00</b>

#### Instructions (manufacturing procedure)

- Melt ingredients of phase A at 90 °C (set a water bath up to 95 °C).
- Add phase B under stirring (IKA paddle stirrer, 1,000 rpm), stir at least for 2 min.
- Add ingredients of phase C one after the other under stirring.
- Homogenize for 2 min (ultra turrax at 10,000 rpm).
- Transfer to water bath again and stir until smooth, then add phase D.
- Fill the formulation into packaging.

#### Characteristic data

- Appearance: slightly beige stick.
- Storage stability: 3 months at 40 °C.





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contact

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This issue replaces all previous versions.

