



50+ SUNtastic Smoothie

Univar is turning Sun Cream into Fun Cream with this sun protection cream colored by **30-SA-4450 Pink Paste**, a bespoke pigment blend from Univar Colour. **SunSpheres™ PGL** and **Dow Corning® SW 8005 C30 Resin Wax** are combined to boost the sun protection factor to 50+ while **EPITEX™ 66** provides outstanding water resistance. **Dow Corning® BY 25-337**, a water-in-oil/silicone emulsifier, stabilizes and emulsifies the formula giving it a light, non- greasy texture.

 **UNIVAR®**
PERSONAL CARE

	Trade name	INCI name	Supplier	%
A	1	Diethylamino Hydroxybenzoyl Hexyl Benzoate		5.0
	2	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	Univar*	2.0
	3	Ethylhexyl Salicylate	Univar*	5.0
	4	Ethylhexyl Methoxycinnamate	Univar*	5.0
B	5 <i>Dow Corning</i> ® BY 25-337	PEG/PPG-19/19 Dimethicone (and) C13-16 Isoparaffin (and) C10-13 Isoparaffin	Dow Corning / Univar*	7.0
	6 <i>Xiameter</i> ® PMX 200 Silicone Fluid 5 cs	Dimethicone	Xiameter / Univar*	5.5
	7 <i>Dow Corning</i> ® FZ-3196	Caprylyl Methicone	Dow Corning / Univar*	11.5
	8 <i>Dow Corning</i> ® SW 8005 C30 Resin Wax	C30-45 Alkyldimethylsilyl Polypropylsilsesquioxane	Dow Corning / Univar*	2.0
	9 Dhatelo Oil Refined LA030055	Prinsepia Utilis Seed Oil	Naturex / Univar*	1.0
	10 30-SA-4450 Pink Paste	CI 77891, Diisostearyl Malate, CI 15850:2	Univar Colour / Univar*	1.0
C	11	Water / Aqua	Univar*	26.6
	12 Industrial Salt Unsieved	Sodium Chloride	Akzo Nobel / Univar*	1.0
	13	Glycerin	Univar*	5.0
	14 SunSpheres™ PGL Polymer	Styrene/Acrylate Copolymer	Dow Personal Care / Univar*	19.6
	15 EPITEX™ 66 Polymer	Acrylates Copolymer	Dow Personal Care / Univar*	2.0
D	16 Kem EHG	Phenoxyethanol, Ethylhexylglycerin	Akema / Univar*	0.3
	17 Henne SY149746	Fragrance / Perfume	Kao Fragrances / Univar*	0.5

Procedure (Hot process)

1. Separately combine and heat A, B and C to 80°C
2. Add phase A to phase B with stirring until homogeneous.
3. Slowly add C to batch with high stirring.
4. Homogenize (1min/100g).
5. Add in the order ingredients phase D, below 40°C, with gentle stirring until homogeneous.

Stability

Stable at least 3 months at room temperature, 40°C and 50°C.

Comments

- Viscosity 4,970 cPs, S4530
*Viscosity measured after 1 minute
- In-vitro measured SPF (ISO 24443 Test Method): 96 (UVA/SPF > 1/3) - formulations would be labelled as SPF 50+
- High SPF Sun care lotion which is pink on application but disappears when rubbed in, making application fun and easy to see if any areas have been missed.
- Formula inspired from "Sun Protection Factor" formulation developed by our partner Dow Corning and related to the external launch presentation of *Dow Corning*® 3901 Liquid Satin Blend.

* Please contact your regional Univar sales representative to ensure that mentioned products are distributed in your country.

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