

# Formulation Example

## MDA-A-216-01 "Vanilla Pudding" refining primer

Ingredients	INCI (US)	[%]
<b>A</b>		
<b>RonaCare® Nicotinamide</b>	<b>(1) NIACINAMIDE</b>	<b>2.00</b>
<b>RonaCare® Ectoin</b>	<b>(1) ECTOIN</b>	<b>0.20</b>
Water, demineralized	WATER	ad 100
Glycerol, anhydrous	(1) GLYCERIN	3.00
VANZAN® NF	(2) XANTHAN GUM	0.20
RonaCare® Disodium EDTA	(1) DISODIUM EDTA	0.05
<b>B</b>		
ADEKA NOL GT-730	(3) PEG-240/HDI COPOLYMER BIS- DECYLTETRADECETH-20 ETHER (AND) BUTYLENE GLYCOL (AND) WATER (AND) POTASSIUM LAURATE (AND) TOCOPHEROL	6.00
<b>C</b>		
<b>RonaFlair® Flawless</b>	<b>(1) SILICA (AND) TITANIUM DIOXIDE (AND) IRON OXIDES</b>	<b>3.00</b>
<b>RonaFlair® Boroneige® SF-3</b>	<b>(1) BORON NITRIDE</b>	<b>2.00</b>
<b>RonaFlair® LDP White</b>	<b>(1) SODIUM POTASSIUM ALUMINIUM SILICATE (AND) TITANIUM DIOXIDE (AND) SILICA</b>	<b>1.00</b>
<b>Colorona® Oriental Beige</b>	<b>(1) MICA (AND) TITANIUM DIOXIDE (AND) IRON OXIDES</b>	<b>0.25</b>
<b>D</b>		
<b>Oxynex® ST Liquid</b>	<b>(1) DIETHYLHEXYL SYRINGYLIDENE MALONATE (AND) CAPRYLIC/CAPRIC TRIGLYCERIDE</b>	<b>0.50</b>
Montanov 202	(4) ARACHIDYL ALCOHOL (AND) ARACHIDYL GLUCOSIDE (AND) BEHENYL ALCOHOL	0.80
Crodamol DA	(5) DIISOPROPYL ADIPATE	3.00
Eutanol G	(6) OCTYLDODECANOL	2.00
KF-96A-6CS	(7) DIMETHICONE	1.00
<b>E</b>		
Fragrance		q.s.
Preservatives		q.s.

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## Procedure

Mix all ingredients of phase A without Xanthan Gum until everything is dissolved. Add Xanthan Gum and mix until it is fully dissolved while heating up to 50° C. Add phase B to phase A while holding the temperature at 50° C. Stir for at least 20 minutes and heat up to 75° C. Check that everything is fully dissolved. Add phase C to phase A/B and mix until all pigments are well dispersed. Mix phase D and heat up to 75° C. Add phase D to phase A/B/C and homogenise at 10000 Rpm for 1.5 minutes. Cool down to room temperature while stirring and add Phase E and adjust pH if necessary.

## Notes

Appearance: Beige cream

pH value (23°C): 6

Viscosity: 50,000 mPa\*s (Brookfield model RVT DV-II+, Helipath spindle, 10 rpm) at 23°C

Stability: 3 months at 40°C, FTC (-5°C to 40°C), 5°C, room temperature and 1 week 50°C

## How to use

Scoop a portion of the pudding with the spoon, rub it between your palms and apply the formulation onto your face. Wait for five minutes until the formulation blends with your skin and leaves a uniform soft appearance.

## Suppliers:

(1) Merck KGaA, Darmstadt, Germany / EMD Performance Materials

(3) NAGASE & CO., LTD

(5) Croda

(7) DKSH GmbH

(2) RT Vanderbilt

(4) Seppic

(6) BASF AG

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