

# Water-based Nail Polish - Cacao Temptation

 COLOUR COSMETICS | NAIL CARE  
 RR-07-09-00

This water-based nail polish is free of solvents and from harsh chemical odors. With **WorléeMicromer C70/61** and **WorléeMicromer C70/63** you can easily make a non-toxic, earth-friendly and long wearing formula. **WorléeBase AQ** are ready-to-use predispersed pigment dispersions. They relieved the working with pigments and save expansive process time and equipment.

Phase	Ingredient	INCI	Supplier	%
A	WorléeMicromer C70/61	Ammonium Acrylates Copolymer	Worlée	12.00
	WorléeMicromer C70/63	Ammonium Acrylates Copolymer	Worlée	72.60
B	WorléeBase AQ 77491/1	Aqua and CI77491 and Methylpropanediol and Ammonium Acrylates Copolymer and Caprylyl Glycol and Phenylpropanol and Sodium Acrylates Copolymer and Simethicone	Worlée	1.90
	WorléeBase AQ 77499/1	Aqua and CI77499 and Methylpropanediol and Ammonium Acrylates Copolymer and Simethicone and Caprylyl Glycol and Phenylpropanol and Sodium Acrylates Copolymer	Worlée	1.20
	WorléeBase AQ 77891/1	Aqua and Titanium Dioxide and Ammonium Acrylates Copolymer and Methylpropanediol and Sodium Acrylates Copolymer and Simethicone and Caprylyl Glycol and Phenylpropanol	Worlée	2.70
C	Citrofol AI	Triethyl Citrate	Jungbunzlauer	2.40
	WorléeMicromer C50/25	Ammonium Acrylates Copolymer	Worlée	1.20
D	Laponite XLS (10% in water)	Aqua and Sodium Magnesium Silicate and Tetrasodium Pyrophosphate	Byk	6.00
			<b>Total:</b>	<b>100.00</b>

## PROCEDURE

1. Weigh in phase A and stir until uniform.
2. Add phase B and continue stirring.
3. Add phase C and continue stirring.
4. Separately prepare a 10% wt./wt. solution of Laponite XLS in water. The solution must be clear and the Laponite XLS fully hydrated. Add phase D slowly and stir until uniform.

## PARAMETER

pH: 6.7 - 7.3

Viscosity: 650 - 850 mPas (Rheometer, cone/plate 1°/40mm, 10 RPM, 25°C)

Viscosity: 150 - 300 mPas (Rheometer, cone/plate 1°/40mm, 100 RPM, 25°C)

## STABILITY

Stable for at least 3 month at RT



CREATED AT: 2014-01-06

BY: SAM

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