

One-Step Liquid Foundation with CRODASPERSE™

MU-85

This formulation contains CRODASPERSE, a unique dispersion system that eliminates the need for dry blending pigments in foundation manufacture. Get great color without streaking, batch-to-batch, with the addition of CRODASPERSE.

Ingredients	%
Part A	
Deionized Water	55.28
Potassium Hydroxide (10% aq. solution)	1.00
TWEEN™ 80 (Polysorbate 80)	0.10
Part B	
AS 5812 (Titanium Dioxide Triethoxycarpylsilane) ²	8.00
AS 5137 (Iron Oxides Triethoxycarpylsilane) ²	0.90
AS 5126 (Iron Oxides Triethoxycarpylsilane) ²	0.45
AS 5146 (Iron Oxides Triethoxycarpylsilane) ²	0.07
AS 50230 (Talc Triethoxycarpylsilane) ²	
CRODASPERSE (Caprylic/Capric Triglyceride (and) Di-PPG-3 Myristyl Ether Adipate (and) Sorbitan Isostearate)	12.00
Part C	
Butylene Glycol	4.00
Magnesium Aluminum Silicate ³	1.00
Part D	
Butylene Glycol	2.00
Cellulose Gum ⁴	0.12
Part E	
CRODAMOL™ STS (PPG-3 Ether Benzyl Myristate)	4.00
BRIJ™ S10 (Steareth-10)	2.00
CRODACOL™ 1618 (Cetearyl Alcohol)	1.00
BRIJ S2 (Steareth-2)	0.50
CRODAFOS™ CS20A (Cetearyl Alcohol (and) Ceteth-20 Phosphate (and) Dicaprylyl Phosphate)	4.00
Part F	
Propylene Glycol (and) Diazolidinyl Urea (and) Methylparaben (and) Propylparaben) ⁵	1.00

Suppliers: 1. Croda, 2. Color Techniques 3. Veegum Regular, R.T. Vanderbilt 4. CMC 7H3SF, Aqualon 5. Germaben II, ISP

pH: 7.5 ± 0.5; Viscosity: 3,600 cps ± 10% (RVT Spindle #4 @ 10 RPM, 25°C)

Procedure

Combine Part A in tared finishing beaker and begin heating to 70°C. Combine Part B. Stir with a propeller blade at high speed for 15 minutes until no large agglomerates remain. Combine Part C by dispersing Magnesium Aluminum Silicate in heated Butylene Glycol for 15 minutes. Then add to Part A while homogenizing. Combine Part E and heat to 75-80°C with stirring. Add Part B to Part E and mix. Maintain at 75-80 °C. Combine Part D and add to combined parts A/C. Adjust temperature to 75-80°C. Continue mixing with homogenizer. Add Parts B/E to Parts A/C/D at 75-80°C. While homogenizing, maintain temperature and agitation for 15 minutes. *Add 20 grams excess water to compensate for loss prior to emulsification. Cool to 55°C with slow homogenizer agitation. Check water content. Cool to 45°C with slow homogenizer agitation. Add Part F. Adjust pH at 35°C.

TS 2929

Non-warranty

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