

Waterproof Mascara

6238-62A



AkzoNobel

Tomorrow's Answers Today

Description

DERMACRYL[®] 79 polymer provides water resistance, increased moisture protection, and rub-off resistance.

Formula

Trade Name	INCI Name	% w/w	Supplier
Phase A			
Carnauba Wax	Carnauba (Copernicia Cerifera) Wax	1.00%	Rita
Candelilla Wax	Candelilla (Euphorbia Cerifera) Wax	5.00%	Rita
Beeswax	Beeswax	5.00%	Strahl & Pitsch
Ozokerite Wax	Ozokerite	2.00%	Strahl & Pitsch
Emersol 132	Stearic Acid T.P.	5.00%	Cognis
Cetyl Alcohol	Cetyl Alcohol	3.00%	
Fluilan	Lanolin Oil	3.00%	Croda
Phase B			
Deionized Water	Water (Aqua)	q.s.	
DERMACRYL 79 polymer	Acrylates/Octylacrylamide Copolymer	5.00%	AkzoNobel Global Personal Care
Propylene Glycol	Propylene Glycol	3.00%	
Ammonium Hydroxide 28%	Ammonium Hydroxide	2.75%	
Phase C			
7133 Purified Black Oxide	Iron Oxides	10.00%	Sensient
Phase D			
Germaben IIE	Propylene Glycol (and) Diazolidinyl Urea (and) Methylparaben (and) Propylparaben	1.00%	Sutton Labs
Total:		100.00%	

Procedure

Combine all the ingredients of Phase A and heat to 85°C. Combine all the ingredients of Phase B with the exception of the DERMACRYL 79 polymer. Begin agitation and slowly sift in the DERMACRYL 79 polymer and heat to 85°C. When each phase is uniform, add Phase A to Phase B. With constant agitation, add Phase C. At 50°C, add Phase D. Cool to room temperature.

Properties

pH: 7.3 – 8.3
Viscosity: Not Measured

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