



Waterproof Mascara with Super Resistant (SR) Pigments

Super Resistant (SR) surface treated pigments increase water resistance and adhesion to lashes while reducing smudging.

INCI Name	Ingredient	Supplier	Wt%
PHASE A			
Isododecane	Permethyl® 99A	Presperse	23.05
Polyethylene	A-C® Polyethylene 6A	Honeywell	11.00
Euphoria Cerifera (Candelilla) Wax	Candelilla Wax	Frank B. Ross	4.50
Polyglycerol-3 Diisostearate	Prisorine™ 3700	Croda	0.25
Benzoic acid			0.20
PHASE B			
Pentaerythrityl Rosinate		Ashland	2.00
Isododecane	Permethyl Fluid 99A	Presperse	2.00
PHASE C			
Zinc Stearate	Zinc Stearate 921-G	Brenntag	1.00
Silica Silylate	SIS6962.1M20	Gelest	12.00
PHASE D			
Isododecane	Permethyl® 99 A	Presperse	8.00
Iron Oxide (&) Trimethylsiloxysilicate	BIA-SRA	Gelest	12.00
PHASE E			
Petroleum Distillates (&) Distearyltrimonium Hectorite (&) Propylene Carbonate	Bentone Gel® SS-71	Elementis	35.00
TOTAL			100

PROCEDURE:

- Combine Phase B in a closed vessel and stir slowly until uniform.
- Combine Phase D and mill using high shear agitation.
- Combine Phase A in a closed vessel. Heat to 95°C with stirring until clear.
- Add Phase B with stirring.
- Add Phase C and homogenize until dispersed.
- Add Phase D and homogenize until dispersed.
- Add Phase E and homogenize until dispersed.
- Stir with sidesweep agitation while cooling to 30°C.

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Formula GCA1-83-1