

Waterproof Mascara with Super Durable (SR) Pigments

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

INCI Name	Ingredient	Supplier	Wt%
Phase A			
Isododecane	Permethil® 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		Hercules	2.00
Isododecane	Permethil Fluid 99A	Presperse	2.00
Phase C			
Zinc Stearate	Zinc Stearate 921-G	Brenntag	1.00
Silica Silylate	SIS6962.1M20	Gelest/Paradigm Science	12.00
Phase D			
Isododecane	Permethil® 99A	Presperse	8.00
Iron Oxide (&) Polymethyl silsesquioxane (&) Trimethylsiloxysilicate	Black Iron Oxide SR	Gelest/Paradigm Science	12.00
Phase E			
Petroleum Distillates & Distearylidimonium Hectorite	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.

Formula courtesy of



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