

Formulation Information
Ethnic Hair Care



Relaxer: Relaxing effect

Formulation 00567

ATTRIBUTES

- Relaxing effect

DOW CORNING® PRODUCTS

- Dow Corning® 2-2078 FLUID

Ingredient	Wt. %	Trade Name/Supplier
Phase A		
1. Aminopropyl / Phenyl Trimethicone	2	Dow Corning® 2-2078 FLUID
2. Emulsifying Wax	10	Polawax / Croda, Inc.
3. Cetearyl Alcohol	1	Lanette O / Cognis Corporation
4. Petrolatum	25	
5. Mineral Oil	12	Carnation / Crompton Corporation
Phase B		
6. Deionised Water	44.5	
7. Propylene Glycol	3	Propylene Glycol USP/FCC / Fisher Chemical Company
Phase C		
8. Sodium Hydroxide (50% solution)	2.5	Sodium Hydroxide (50% Solution) / Acros Organics

Procedure

1. Mix ingredients of Phase A together.
2. Heat to 75C with stirring.
3. Mix ingredients of Phase B together.
4. Heat to 75C with stirring.
5. Add phase B to phase A with mixing.
6. Mix for 15-30 minutes
7. Cool to 45°C.
8. Add phase C with mixing.
9. Mix until uniform.
10. Cool to room temperature.
11. Homogenize.

Variations

Alternative Dow Corning® Products have not been tested as of this printing.

Stability

Stable for at least 3 months at room temperature and 45° C. Passes 5 freeze / thaw cycles.

External Reference Material

No external references identified as of this printing.

Dow Corning® Application Patents

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