

Thermal Protective Spray

Ref: PS3-27

This spray is designed to protect your hair from the potential damage that can result from daily use of heat-related hair care appliances, such as dryers and flat irons. **Bioplex Cetylsil S-PF** protects hair against temperatures up to 450°F, leaving hair smooth and shiny.

INCI	Trade Name	Supplier	% W/W
Phase A			
D.I. Water	D.I. Water		Q.S.
Disodium EDTA	Protachem NA-2-P	Protameen	0.10
Phase B			
Quaternium 91 (and) Cetearyl Alcohol (and) Behentimonium Chloride (and) Myristyl Myristate.	REJUVASOFT PA-(MH)	Croda	2.00
Phase C			
Caprylyl glycol (and) Ethylhexylglycerin	Sensiva SC 10	Schulke	1.00
Cetyl Triethylmonium Dimethicone PEG-8 Succinate	Bioplex Cetylsil S-PF	Biosil	5.00
Fragrance	Aloe Herbal PSI-00778	Premier	0.20
Red # 40	0.1% Sol		0.08
Orange #4	0.1% Sol		0.06

Procedure: Add Disodium EDTA into the water phase. Mix until it is uniform. Add Phase B into the Phase A. Mix and heat it to 75°C. Then cool it down to 35-40°C. Add ingredients of Phase C one by one with mixing.

Parameters: pH 4.65, Viscosity 2820 CPS S#4 @ 10 RPM