

hair care formulations

Powder to Wax with N-DurHance™ A-1000 conditioning polymer

Formula# 12464-129.13B

Material# 865716

Ingredients (Trade Name)	INCI Name	% w/w	Supplier
Phase A			
Glycerin	Glycerin	41.14	Local
Sorbitol (70% solution)*	Sorbitol	42.86	Essential Wholesale
N-DurHance™ A-1000 conditioning polymer	Polyacrylamidopropyltrimonium Chloride	5.00	Ashland
Phase B			
Optiphen™ DP preservative	Propylene Carbonate (and) Benzoic Acid (and) Dehydroacetic Acid (and) Propanediol (and) PVP	1.00	Ashland
Phase C			
HDK® H18 Pyrogenic Silica*	Silica Dimethyl Silylate	10.00	Wacker
Total		100.00	

*Trademark owned by a third party.

Procedure

1. Combine Phase A ingredients in commercial blender and mix until uniform.
2. Add Phase B ingredient and mix until uniform.
3. Add Phase C ingredient and blend on low speed for 20 seconds.
4. Side scrape walls of blender and then mix for another 20 seconds.

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Typical Properties

Appearance: White, loose powder

Viscosity (D0): Free-flowing

Description

This unique powder product provides texture to thin or limp hair that instantly builds volume. There is no grit or grain left in the hair like typically seen with powder products. It features N-DurHance™ A-1000 conditioning polymer that provides anti-frizz properties and durable styling benefits.

How to Use

Shake a small amount of powder into the palm of your hand. Smear the powder to a creamy texture and then work into the hair. Style as desired.

This formula has passed 3 M stability test at 40°C and 28-day double challenge efficacy test. However, the preservative system has not been optimized to its lowest effective level.