



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.

The information contained in this brochure and the various products described are intended for use only by persons having technical skill and at their own discretion and risk after they have performed necessary technical investigations, tests and evaluations of the products and their uses. This material is for informational purposes only and describes the scientific support for the use of the products described herein as an ingredient intended to enhance performance of an end product. Certain end uses of some products may be regulated pursuant to rules governing medical devices or other regulations governing drug uses. It is the end user's responsibility to determine the applicability of such regulations to its products. While the information herein is believed to be reliable, Ashland Inc. does not guarantee its accuracy and a purchaser must make its own determination of a product's suitability for purchaser's use, for the protection of the environment, and for the health and safety of its employees and the purchaser of its products.

Neither Ashland nor its affiliates shall be responsible for the use of this information, or of any product, method, formulation, or apparatus described in this brochure. Nothing herein waives any of Ashland's or its affiliates' conditions of sale, and no statement, information and data is to be taken as a guarantee, an express warranty, or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which Ashland and its affiliates assume legal responsibility. We also make no warranty against infringement of any patents by reason of purchaser's use of any information, product, method or apparatus described in this brochure.

® Registered trademark, Ashland or its subsidiaries, registered in various countries

™ Trademark, Ashland or its subsidiaries, registered in various countries

© 2016, Ashland



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

Formula# 12464-129.13B

Material# 865716

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.