

Guide Formulation

HAIR STYLING POWDER WITH EITHER AEROSIL® R 972,
SIPERNAT® 50 S OR SPHERILEX® 10 PC

Depending on the silica grade used, the styling effect of this basic formulation varies from natural volume effect to extreme hair styling:

- **AEROSIL® R 972** - leads to extreme styling effects
- **SIPERNAT® 50 S** - for moderate hair styling
- **SPHERILEX® 10 PC** - provides an all-natural volume effect

The choice is yours!

Phase	Ingredients	INCI Name	% w/w	Function
A	Kaolin	Kaolin	10.00	Bulking agent
	Corn PO4 PH"B" 9042	Distarch Phosphate	70.00	Bulking agent
	SPHERILEX® 10 PC	Hydrated Silica	10.00	Styling additive
	SIPERNAT® 50 S	Hydrated Silica	or 10.00	Styling additive
	AEROSIL® R 972	Silica Dimethyl Silylate	or 10.00	Styling additive
B	Glycerin 85%	Glycerin	10.00	Humectant

Developed by Evonik Operations GmbH Germany; no.: 2060

PROCESSING

- Mix all powder ingredients of Phase A.
- Add Phase B dropwise, while stirring with a spatula.
- Allow the powder to rest for at least 30 minutes. Then mix again if the powder looks lumpy.

NOTE: All formulations have been subjected to stability tests and have been shown to perform well. However, formulators should always perform their own stability tests when adapting formulations and / or using raw materials from other sources.

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The Silica specialists at Evonik - Inside, to get it right.