

# PECOSIL® G-600

Isododecane (and) Vinyl Dimethicone / Lauryl Dimethicone  
Crosspolymer (and) Dimethicone (and) Lauryl Dimethicone

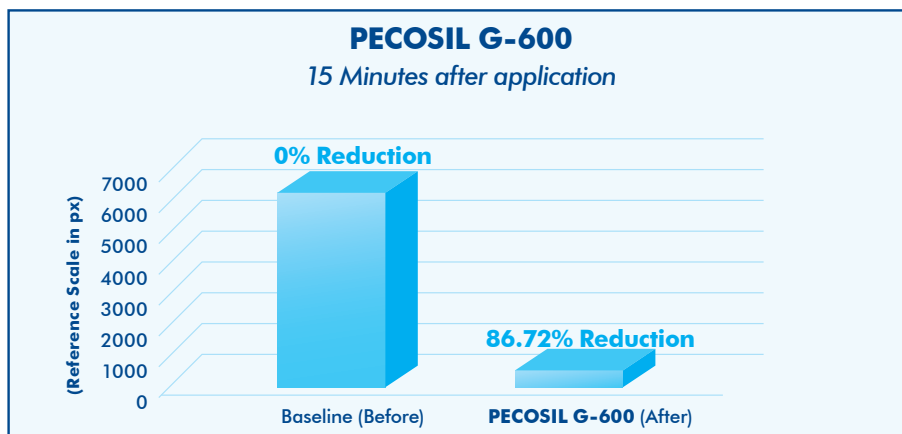
## PHOENIX's answer to reducing the appearance of fine lines & wrinkles

As we get older, our skin starts to lose its firmness as collagen and elastin production declines. The skin's structure and integrity starts to collapse and sag causing fine lines and wrinkles to appear.

The high performance of **PECOSIL® G-600** acts quickly on the visible signs of aging skin. As demonstrated in the images below, **PECOSIL® G-600** reduces the appearance of fine lines and wrinkles and combats the signs of aging skin.



**PECOSIL® G-600** provides an elegant silky and powdery after feel to the skin.



The bar graph above shows over 86% decrease in the appearance of fine lines and wrinkles around the eye area after 15 minutes of **PECOSIL® G-600** being applied.

**PECOSIL® G-600** acts as a moisture barrier that contributes to softness in all make-up, skincare and sunscreen products. This material serves as a skin barrier to common irritants, i.e. detergents, cleansers.

**PRODUCT APPLICATIONS**

Wrinkle Fillers . . . . .	30-40%
Makeup Foundations . . . . .	10-15%
Sunscreens . . . . .	2-5%
Anti-Aging Creams . . . . .	15-25%

## Pore Vanishing Stick PTC5-94

Phase	Trade Name	INCI Name	Company	Percent
A	<b>PELEMOL® 899</b>	Isononyl Isononanoate (and) Ethylhexyl Isononanoate	<b>PHOENIX CHEMICAL, INC</b>	11.00
A	Performalene 400	Polyethylene	New Phase Technologies	9.50
A	Lexfeel Vibrant	Palm Acid/Adipic Acid/Pentaerythritol Crosspolymer	Inolex	2.50
B	<b>PECOSIL® G-600</b>	Isododecane (and) Vinyl Dimethicone / Lauryl Dimethicone Crosspolymer (and) Dimethicone (and) Lauryl Dimethicone	<b>PHOENIX CHEMICAL, INC</b>	40.00
B	<b>PECOSIL® DCF-1818</b>	PEG/PPG-18/18 Dimethicone	<b>PHOENIX CHEMICAL, INC</b>	11.00
B	<b>GIOVAREZ® AC 5099</b>	Isododecane (and) Acrylates Copolymer	<b>PHOENIX CHEMICAL, INC</b>	1.00
C	Timica Terra White	Mica (and) Titanium Dioxide	BASF	1.00
C	Dry-Flo PC	Aluminum Starch Octenylsuccinate	AkzoNobel	8.50
C	MSS 500	Silica	Kobo Products	4.00
C	Gransil PSQ	Polymethylsilsesquioxane	Grant Industries	11.50
				<b>100.00</b>

**Procedure:** In main vessel, combine Phase A and mix with propeller mixer on medium speed with heating to 85-90°C until batch is uniform. Continue mixing and begin to cool batch to 70-75°C. When reduced temperature is reached, add Phase B, cover batch and continue to mix until uniform. Maintain temperature of 70-75°C. Switch to homogenizer, and add Phase C, one at a time, homogenizing between additions until batch is uniform and no clumps are present. Pour samples at 70-75°C.

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