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High Performing Polyglycerin Modified Silicone Dispersants

Shin-Etsu Silicones of America

shinetsusilicones.com

PRODUCT/SERVICE BACKGROUND INFORMATION

Shin-Etsu has a current line of Polyglycerin modified and silicone acrylate silicone dispersants with outstanding powder dispersibility and highly effective in sunscreens and foundations.

WHAT IS THE COMPANY INTRODUCING TO THE MARKET/INDUSTRY?

Our latest addition KF-6115 is a Polyglycerin modified silicone with excellent powder dispersibility in a wide range of oils due to the branched chains of silicone and alkyl groups. It can disperse powders stably & uniformly and improve the stability & transparency of products.

HOW WILL THIS NEW PRODUCT/SERVICE IMPACT THE INDUSTRY (BENEFITS)?

This dispersant due to its unique branched structure not only feels non-tacky but effectively reduces the density of the metal oxides therefore enhancing suspension stability. This dispersant also helps in breaking up the agglomerates to give the dispersion a high active content with low viscosity. These features are ideal in developing high SPF mineral sunscreens with minimal whitening on the skin. In this poster will demonstrate its effectiveness to disperse high powder content liquid make-up and fluid thin mineral sunscreen formulations containing silicone fluids, UV filters and organic emollients with an elegant smoother, more uniform appearance on the skin.