



Independent Chemical Corporation

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Silike- Natural Substitute for Silicone

PRODUCT/SERVICE BACKGROUND INFORMATION

The Silike line will bring a new and innovative silicone alternative to market. As we know, it's not only important to be aware of what we consume and its immediate impact: we must also look to the future and look for ways to keep the environment cleaner and more sustainable—one ingredient at a time. Silike aims to be a natural substitute for silicones in cosmetic uses. They are safe for use on humans and better for the environment. Silicones are notoriously difficult to replace in formulation. Silike is an offset that allows chemist to make minimal replacements in existing formulations and to create new stable formulations with similar feel, ability, and playtime when compared to silicones.

WHAT IS THE COMPANY INTRODUCING TO THE MARKET/INDUSTRY?

Silike by Maian is a natural silicone offset created ethically in Brazil. The study explored Silike 91 and Silike 9040 and their functional properties in a variety of cosmetic applications. Silike 91 is designed to be a cyclopentasiloxane or low centistoke non-volatile dimethicone fluid replacement. Silike 9040 is designed to offset 9040 silicon elastomer gel. The results suggest that the sensorial properties of Silike 91 are extremely close to low centistoke non-volatile dimethicone fluid. The evaluation of Maian 9040 displayed characteristics very similar to the suspension and sensory properties of popular elastomer gels

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

Many brands and retailers alike have been trying to move away from the use of silicones in cosmetic and personal care products. It's essential for chemists to have efficacious silicone replacements at their disposal. Silike silicone alternatives are now available to chemists looking to formulate green and clean products.