



Siltech

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Performance Inspired Ingenuity

PRODUCT/SERVICE BACKGROUND INFORMATION

Siltech specializes in the development and manufacturing of organo-functional silicone compounds and related ingredients for personal care applications. Siltech products offer benefits such as wetting, conditioning, emulsification, film formation, tactile modification, gloss, and dispersion in cosmetic formulations. Our manufacturing facilities excel at equilibration, hydrosilylation, quaternization, amidation, phosphation, esterification, and more. Siltech's newest innovations promote sustainability and we welcome the opportunity to partner with our customers!

WHAT IS THE COMPANY INTRODUCING TO THE MARKET/INDUSTRY?

Consistent with our ongoing commitment to sustainability in cosmetics, Siltech has unveiled several new products in 2022 that offer maximized biobased carbon content and sustainable formulating options. **Silsurf[®] Sustain Di-1010** is an advanced silicone polyether copolymer that provides exceptional conditioning in skin care and is ideal for foaming hydro-alcoholic hand sanitizers. **Silmer[®] Sustain-H** is a 90% biobased carbon content elastomer gel that utilizes renewable hemisqualane as a carrier. **Silube[®] PCH** is a versatile non-tacky invert emulsifier that imparts stability across a wide range of personal care formulations, most notably creams and sunscreens.

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

Silsurf[®] Sustain Di-1010 differs from traditional offerings as the polyether component is derived from biobased plant sources, rather than petroleum feedstocks, assuring formulators of improved sustainability. **Silmer[®] Sustain-H** offers improved sustainability over traditional silicone elastomer gels while providing premium benefits for skin, makeup and sun care. The high biobased carbon content in Siltech's newest offerings allows for sustainable formulating, and several Siltech example formulations have been verified to have >90% biobased carbon content! Emulsions produced with **Silube[®] PCH** exhibit long-term stability and offer superior hydration versus regular (O/W) emulsion counterparts.