



LUXOMATTE™ MT128 Mattifying Agent

Luxomatte™ MT128 mattifying technology delivers a clinically-proven, all-day visual matte finish skin appearance to cosmetic and topical OTC drug products - while leaving the skin feeling silky and smooth. Perfect for use in a primer under make-up to help eliminate the need to reapply make-up throughout the day.

INCI Name: Methyl methacrylate/glycol dimethacrylate crosspolymer

APPEARANCE:	Free-flowing white powder
DESCRIPTION:	Spherical porous polymeric particle
PARTICLE SIZE:	Typically 12 micron average

All Day Matte Finish Performance

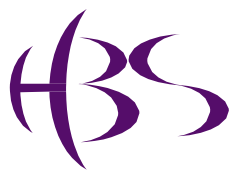
Now it is simple to add an elegant matte finish effect to any personal care or OTC drug product with the incorporation of Luxomatte™ technology. Whether you are formulating a sunscreen, an acne product, or a primer base for application under a foundation, Luxomatte™ will give the consumer a visual cue that your product is working all day long to reduce shine and absorb sebum from the surface of the skin.

Clinical Efficacy

A clinical study was conducted where 20 panelists (selected for oily skin) applied a simple oil-in-water emulsion containing 8 % Luxomatte™ MT128 mattifying technology to one side of their forehead leaving the other side untreated as a control. The matte performance of the product was then followed for 6 hours by visual observation and photography. For all of the time points measured (1 through 6 hours), the product containing the Luxomatte™ Mattifying technology showed a matte finish score that was statistically improved ($p < 0.05$) when the matte finish was judged by both trained clinicians and the consumers themselves in comparison to the untreated side of the forehead.

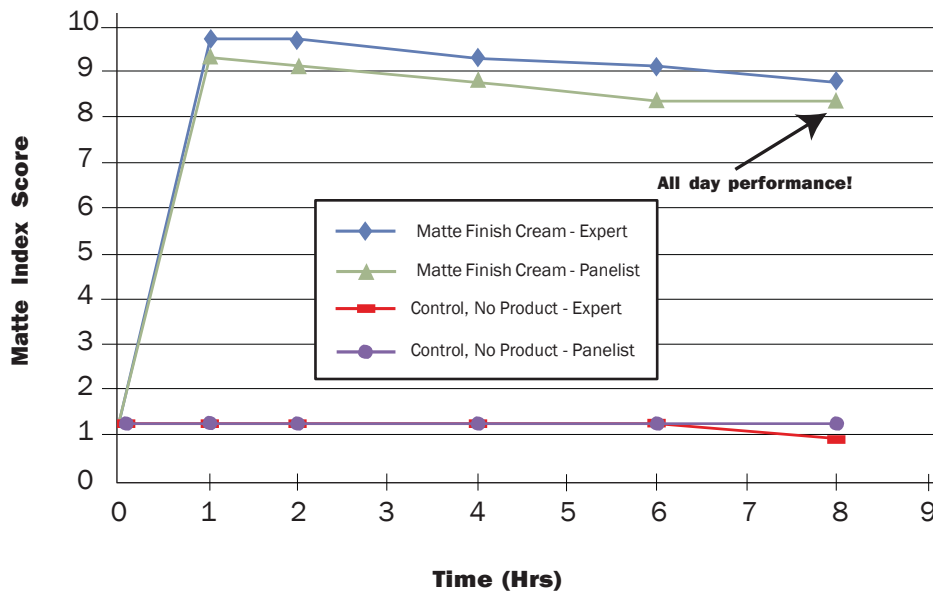
A second clinical study (N=5) was run where the clinical efficacy of Luxomatte™ MT128 mattifying technology was evaluated using the same split forehead protocol but the performance was evaluated for 8 hours to demonstrate the ability to provide an all-day benefit. In this study, the performance of the product was also evaluated by trained clinicians as well as by the panelists.





The results are shown graphically below where the matte finish performance was judged on a 10 point scale where a score of 1 indicates an extremely oily skin and a score of 10 represents a perfect matte finish. The results shown below demonstrate that the addition of 8 % Luxomatte™ MT128 mattifying technology provides all day matte finish performance whether judged by a trained clinician, or most importantly, the consumer.

Matte Finish Performance



Formulation Guidelines: Luxomatte MT128 mattifying technology can be added in all commonly used formulations including oil-in-water, water-in-oil, water-in-silicone and both anhydrous and aqueous gels. The typical use level in the finished product is 8% which demonstrates clinical performance above, although lower concentrations may also be used. Luxomatte™ MT128 mattifying technology is typically added into the continuous phase of emulsion products after the emulsion. Luxomatte™ MT128 mattifying technology is a robust particle so high shear mixing can be used to easily disperse the product completely into the formulation. No other special handling is required. Appropriate personal protection should be used when handling Luxomatte™ MT128 mattifying technology, please consult the SDS for the product.

