



MICROSPONGE® C127A Dimethicone

Description: A moist, white, amorphous polymeric powder highly loaded with dimethicone, MICROSPONGE® C127A provides exceptional rubout and elegance when incorporated into personal care and cosmetic formulations, while extending the availability of the silicone on the skin after application. The prolonged availability of the dimethicone helps improve the consumer's perception of softness and provides a favorable, long lasting sensory cue of the cosmetic or toiletries product use. After application, the remaining polymer particles have the ability to adsorb excess skin oils, thus providing extended use benefits such as long lasting color in lipsticks and facial make-ups and mattifying and shine reduction in facial cleansers, moisturizers, and treatment products.

Typical Properties

Composition (INCI Name):	Methyl Methacrylate/Glycol Dimethacrylate Crosspolymer, Dimethicone
Dimethicone content:	40%
Appearance:	White Powder
Solubility of polymer:	Insoluble

Benefits

Aids incorporation of dimethicone in a broad range of products including gels and powders. Provides sebum control in all types of formulations including lotions, gels, o/w and w/o emulsions, and both loose and pressed powders. Creates longer lasting elegance through extended delivery of dimethicone.

Typical Applications

Facial cleansers requiring improved elegance and luxurious after feel. Skin Care including anti-aging products, acne care, moisturizers, and oil control treatments. Color Cosmetics including loose and pressed powders, body powders, liquid make-ups. Toiletries, including deodorants, body lotions, sunscreens, baby care products. Other personal care products needing longer lasting dimethicone.

Formulation Tips: MICROSPONGE® C127A can easily be incorporated into a gel or an O/W system by simple powder dispersion techniques. For emulsions, dispersion is best into the aqueous phase or preferably, after the emulsion is formed. The polymer is not sensitive to shear and is able to be processed using standard mixing equipment. After application on the skin, the dimethicone is available to the skin.

Recommended use levels: 3 -10%.

Packaging: MICROSPONGE® C127A is supplied in 29.5 kg containers.

Patent information: When stored in the original, unopened container, MICROSPONGE® C127A has a shelf life of 36 months from the date of manufacture.

