

SpectrAl® PC-401

SpectrAl PC-401 is a novel fine particle for use in cosmetics and personal care products where soft focus and matting effect are needed. The unique particle characteristics provide optimum light diffusion for soft focus effects.

SpectrAl PC-401 is a light powder that is white in appearance. It is characterized by:

- Very high purity; low heavy metals desired by cosmetics manufacturers
- Positive Surface charge
- Refractive index of 1.77

Application Information:

Cosmetics

SpectrAl PC-401 can be formulated in water-based and anhydrous make-up foundations, lotions, and creams. It allows natural skin tone to be projected while covering skin imperfections such as wrinkles. In powders SpectrAl PC-401 can provide both matting and anti-caking functionality.

Particle Performance and Effects in Cosmetics:

Particle Performance	Effects in Cosmetics
High Total Transmission	Allows the natural skin tone to reflect through
High contribution from Diffuse Transmission	Prevents projection of the particle color
Low Total Reflection	Evenly distributes the light back from the skin, while hiding imperfections
High contribution from the Scattered Reflection component	Minimizes shine



Packaging Options:

SpectrAl PC-401 is packaged in 10 kg multi-wall Kraft paper bags and available in 15 x 10 kg (net weight 150 kg) poly-shrouded units.

Product Sales Specifications:

Sales specifications for this product may be obtained by contacting a sales or technical service manager at the Cabot Corporation office in your region.

Material Safety Data Sheet:

A Material Safety Data Sheet for this product may be obtained by contacting the Cabot Corporation office in your region or can be downloaded from our website:

www.cabot-corp.com

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