

Surface treatment guide



Surface characteristics of pigments, composite materials and other particles can be modified with surface treatments. Increased hydrophobicity and softness are often desired for colour care applications, whereas liposome systems and other speciality applications have other requirements. Photostabilizing otherwise reactive ingredients such as Iron Oxides, is of importance in day care applications and colour cosmetics.

Créations Couleurs offers a wide range of surface treatments in many product ranges. The following treatments are available for our Colourmat® and Serisoft® colour composites and for our Micapoly®, Nylonpoly® and Talcpoly® products. We can also custom tailor surface treatments to fit individual formulating needs, and any of the preservative systems in our treatments can be modified upon request.

DF products are treated with Hydrogenated Polyisobutene and Dimethicone, which give a soft feel and hydrophobic surface characteristics. DF treated products have excellent photostability.

INCI: Hydrogenated Polyisobutene (and) Dimethicone

FLWJ treatment consists of Soy amino acids and Jasmine flower wax. The surface charge is modified so that the FLWJ treated particles create 3D-structures. This makes them ideal for volume compacting as the 3D-structure gives airiness and lightness to powder applications. FLWJ treatment is suitable for natural cosmetics.

INCI: Soy Amino Acids (and) Jasminum Officinale (Jasmine) Flower Wax

HB is a Dimethicone treatment, which gives soft feel and hydrophobic surface characteristics. HB treated products have excellent photostability.

INCI: Dimethicone

LL treated particles bring a rich, creamy and soft feel to products due to Lauroyl Lysine. LL treated materials are suitable for formulations in which long lasting application is desired.

INCI: Lauroyl Lysine

LVS treated products have soft and smooth feel and they provide skin care benefits as they contain Lecithin, Meadowfoam Seed Oil and Squalane. Due to the hydrogenated natural ingredients as coating materials, LVS treated products are very stable against oxidation, and they are photostable, so they permit to use skin care claims, such as anti-aging, in colour care applications. LVS treatment is ideal for natural cosmetics.

INCI: Zea Mays (Corn) Starch (and) Hydrogenated Lecithin (and) Hydrogenated Meadowfoam Seed Oil (and) Squalane

MSL treatment consists of Sorbitan Stearate, Glycoproteins and Isododecane. MSL treatment is the type of surface treatment, which is suitable for liposome systems, as it does not disrupt their structure.

INCI: Sorbitan Stearate (and) Glycoproteins (and) Isododecane

PFC is a treatment based on an omniphobic perfluorocarbon, Perfluoroperhydrophenanthrene. This treatment is especially compatible with Tefpoly range, which is based on PTFE. PFC treatment creates a bonding between the PTFE and pigments and lakes offering a smooth feel and superior lasting properties.

SIL is a Methicone treatment, which gives soft feel and hydrophobic characteristics. Methicone treatment enhances wetting properties of the particles, and it has excellent photostability.

INCI: Methicone

TZ treatment is ideal for mattifying applications as the treatment contains a bio-polymer, which reduces the size of sebum droplets allowing them to be absorbed by the underlying material such as mica or nylon. TZ treated materials have a long lasting mattifying effect.

INCI: Sodium C8-16 Isolkylsuccinyl Soy Protein Sulfonate (and) Dimethicone (and) Trimethylsiloxysilicate

ZP treatment modifies the material so that it has positive surface charge at skin pH of 5,5. This makes ZP treated materials ideal for very long lasting colour care applications, especially eye shadows and blushers.

INCI: Corn Starch Modified (and) Polyquaternium-10 (and) Phenoxyethanol (and) Methylparaben (and) Butylparaben (and) Ethylparaben (and) Propylparaben (and) Isobutylparaben

This is not a comprehensive list of our treatments, as we make custom tailored products, as well. If you are looking for a treatment based on a specific ingredient, we could be your partner with new colour developments.