

texture modifier, film former, emollient

Application Sheet

Siltext® range consists of silicone based texture modifiers and emollients. Siltext® products provide a soft and silky feel with a non-greasy and matt application.

Siltext® Duo is water and oil dispersible by nature. It brings cushioning and softness to formulations and it provides a light skin feel and dewy mattness upon application.

Siltext® Iridescent brings viscosity to gels and emulsions. It also functions as a co-emulsifier reducing the need for traditional emulsifiers. Siltext® Iridescent offers softness, slip and lubricity to formulations and it creates a continuous, yet breathing film.

Siltext® Mat reduces the tackiness of formulations and it has the highest mattifying effect of all the Siltext® products. Siltext® Mat has a rich feel upon application and it provides a dry and smooth skin feel.

Siltext® Velvet has a soft and rich feel. It brings mattness to formulations and it forms a light, dewy film.

Trade Name	INCI Name
Siltext® Duo	Hydrogenated Polyisobutene (and) Glyceryl Polymethacrylate (and) Dimethicone Crosspolymer (and) Propylene Glycol (and) Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Propylparaben (and) Butylparaben (and) Isobutylparaben
Siltext® Iridescent	Glyceryl Polyacrylate (and) Dimethicone (and) Hydrogenated Polyisobutene (and) Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Propylparaben (and) Butylparaben (and) Isobutylparaben
Siltext® Mat	Hydrogenated Polyisobutene (and) Dimethicone Crosspolymer
Siltext® Velvet	Hydrogenated Polyisobutene (and) Dimethicone (and) Polyethylacrylate

Benefits

- soft and silky feel
- elegant texture
- matt application
- non-occlusive film preventing moisture loss

Properties

- choice of hydrophobic and hydrophilic
- texture modifier
- photostable
- heat sensitive



Application Areas

Skin Care

Siltext® products are suitable for all skin care formulations in which a soft texture and emolliency are desired, but without tackiness and greasiness. Siltext® range offers options from soft, moist and dewy textures to rich, dry and matt.

Sun Care

Siltext® Mat and Velvet are recommended for sun care formulations as they are totally hydrophobic and therefore they are compatible with water resistant formulations. Siltext® Mat and Velvet are ideal for sun care products as they reduce the greasiness and shine of the formulations, and as they give a lighter and drier skin feel that many other hydrophobic materials.

Colour Care

Siltext® products are excellent for foundations and other make-up bases as they provide softness and emolliency, but no greasiness nor shine.

Formulating

Siltext® products can be included in all types of emulsions. All other Siltexts® can be included in anhydrous systems except Iridescent. All Siltext® products can only be added into formulations at a temperature below 50°C and the formulation should not be heated after the addition of Siltexts®.

Siltext® Duo is water and oil dispersible and it can be added into formulations after emulsification.

Typical use level: 5-10%

Siltext® Iridescent is water dispersible and it can be added either into the water phase or into the emulsion after emulsification. When added into the water phase of O/W emulsions, it works as a thickener and the amount of emulsifier in the formulation can be reduced as Siltext® Iridescent also functions as a co-emulsifier. If used in W/O emulsions, Siltext® Iridescent needs to be added after the emulsification.

Typical use level: Up to 25%

Siltext® Mat and Siltext® Velvet are completely hydrophobic. They should be added into emulsions after the emulsification with high shear mixing.

Typical use level: 5-10%

Packaging: 25kg plastic drum