



Effect pigments for
bright cosmetic formulations

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The SYNCRYSTAL product line based on achromatic titanium dioxide coated synthetic fluorophlogopite powder (artificial mica) offers new ways to achieve very bright formulations.

Due to the synthetic origin of the substrate the level of impurities is significantly lower compared to that of natural mica. The smooth coating of titanium dioxide on synthetic fluorophlogopite leads to remarkable silvery pearlescence as well as outstanding rainbow-like colors derived from interference effects.

SYNCRYSTAL is offered in two particle sizes: The fraction of 20 – 150 µm is ideally suited to set shimmering pearly highlights in the eye, lip and nail area. Due to the carefully controlled upper limit of the particle size this pigment provides a considerable pleasant skin feel.

The fraction of 10 – 50 µm is a perfect fit to create a very clean pearl effect.

The new range of SYNCRYSTAL interference pigments allows this effect to be transferred into pure and color-intense shades of gold, red and blue.

SYNCRYSTAL effect pigments are suitable for color cosmetic applications like powders, lipsticks or glosses, and nail polishes, but also can be beneficially used in the personal care segment for opaque systems like creams and lotions or gels.

Shelf life

120 months

Packaging

1 kg, 5 kg, 25 kg

SYNCRYSTAL	Article No.	Particle Size	Content (%)	Titanium Dioxide	Tin Oxide
Type		(microns)	Synthetic Fluorophlogopite CAS: 12003-38-2 EINECS: 234-426-5	(CI 77891) CAS: 13463-67-7 EINECS: 236-675-5	CAS: 18282-10-5 EINECS: 242-159-0
Silver Pigments					
Silver	35490	10 – 50	69 – 80	20 – 30	< 1
Sparkling Silver	35491	20 – 150	79 – 90	10 – 20	< 1
Interference Pigments					
Gold	35631	10 – 50	56 – 69	31 – 43	< 1
Red	35632	10 – 50	33 – 46	54 – 66	< 1
Blue	35633	10 – 50	45 – 58	42 – 54	< 1

SYNCRYSTAL

Silver Pigments

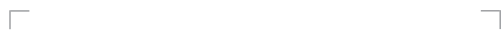


Silver 10 – 50 μm Article No. 35490



Sparkling Silver 20 – 150 μm Article No. 35491

Interference Pigments



Gold 10 – 50 μm Article No. 35631



Red 10 – 50 μm Article No. 35632



Blue 10 – 50 μm Article No. 35633



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