

Mica Interference Green

Specification Sheet

Description: Mica interference colors are produced by depositing precisely controlled layers of titanium dioxide & silica onto a mica substrate. The characteristic single reflection color of each pigment is an optical effect caused by light interference. Through controlled thickness of the TiO₂ layer, all colors of the rainbow can be achieved. The effect is best observed when the pigment particles are oriented in parallel to maximize reflection. White appearance but transforms into color when applied on skin. The end result is a range of the most stunning interference colors yet seen.

CAS: 12001-26-2, 13463-67-7, 7631-86-9

INCI Name: Mica (CI 77019), titanium dioxide (CI 77891), silica

Composition: Mica (CI 77019), titanium dioxide (CI 77891), silica

Appearance: White-greenish shimmer powder

Benefits:

- Gives greenish colored highlights from soft and silken luster to glitter effects
- Unique effects can also be created when combining interference pigments with organic and/or inorganic pigments
- FDA permitted exempt color for cosmetic use

Use: Suspends best in thick bases. Can be blended with other pigments. For external use only.

Applications: All kinds of decorative cosmetics & personal care products.

Solubility: Insoluble, but miscible in liquids (sinks to bottom in thin liquids)

Preservation: Preservative-free

Storage: Store light-protected at a cool and dry place

Country of Origin: Germany

Raw material source: Natural mica (muscovite and/or phlogopite)



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Manufacture: Natural micas are mined from granitic pegmatites and then coated with various pigments (e.g. iron oxides, titanium dioxide) to give them their specific color

Animal Testing: Not animal tested

GMO: GMO-free (does not contain plant-derived components)

Vegan: Does not contain animal-derived components

HS Code: 2525200000

Proposition 65: Proposition 65: Under California's Safe Drinking Water and Toxic Enforcement Act, better known as OEHHA Prop 65, we are required to place a warning to this product since the OEHHA believes that titanium dioxide is carcinogenic if it occurs airborne as unbound particles of respirable size.

WARNING: This product can expose you to chemicals including titanium dioxide, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

Regulatory Information: Mica Interference Green is a FDA-approved color additive but is exempt from batch certification. Micas are safe for use in coloring cosmetics generally, including cosmetics applied to the area of the eye, in amounts consistent with good manufacturing practice.

MakingCosmetics Inc.

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