

## Mica Interference Copper

### 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 TiO<sub>2</sub> 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:** 13463-67-7, 12001-26-2, 7631-86-9

**INCI Name:** Titanium Dioxide (CI 77891), Mica (CI 77019), Silica

**Composition:** Titanium Dioxide (CI 77891), Mica (CI 77019), Silica

**Appearance:** Light yellow powder, odorless.

#### Benefits:

- Gives light-brownish 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:** WARNING: This product can expose you to chemicals including titanium (IV) oxide, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**Regulatory Information:** Mica Interference Copper 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.