

# Titanium Dioxide

## Specification Sheet

**Description:** White pigment of crystalline structure with a high refractive index & great inertness. Derived from the naturally occurring mineral ilmenite. Synonyms: cosmetic white, rutile, brookite, tipaque, zopaque, titanic anhydride. Primary particle size 200-250 nm, purity >98%

**CAS:** 13463-67-7

**INCI Name:** Titanium dioxide (CI 77891)

**Composition:** Titanium dioxide (CI 77891)

**Appearance:** White powder, characteristic odor

**Benefits:**

- Widely used in makeup powders to lighten shades

**Use:** Can be added to formulas as is, recommended concentration 2-25 %. For external use only.

**Applications:** Color cosmetics

**Solubility:** Suspends in water or oil (but is insoluble)

**Preservation:** Preservative-free

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

**Country of Origin:** Canada

**Raw material source:** Ilmenite

**Manufacture:** Titanium dioxide is made from the mineral ilmenite and sulfuric acid to produce synthetic rutile which consists then of more than 90% of titanium dioxide.

**Animal Testing:** Not animal tested

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



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**Vegan:** Does not contain animal-derived components

**HS Code:** 2823000000

**Proposition 65:** WARNING: This product can expose you to chemicals including Titanium dioxide, which is known to the State of California to cause cancer or reproductive toxicity. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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