



Ti-Pure™
Titanium Dioxide

Toy Safety and Ti-Pure™ Titanium Dioxide Pigment

Titanium dioxide is used as a raw material in the manufacture of toys and toy components. Toy safety regulations, including the following standards, govern requirements for finished toys sold in global markets:

- **International Standard:** ISO 8124-3:2020 (amended 2023)
- **Canada:** SOR/2011-17 and the Hazardous Products Act (R.S.C., 1985, c. H-3)
- **China:** GB 6675-2014
- **European Standard:** EN 71-3:2019+A2:2024
- **Japan:** ST 2025
- **United States:** ASTM F963-23

These standards establish migration limits for certain elements from toys and toy components under specific test conditions. However, they do not define extraction or migration limits for individual raw materials such as titanium dioxide as an isolated material.

It is the responsibility of the end-product manufacturer to ensure that the complete toy or toy component complies with all applicable safety standards, including elemental migration limits, based on the intended use and regulatory requirements in the jurisdiction of sale.:

Further questions should be directed to:
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