



Ti-Pure™
Titanium Dioxide

Toy Safety and Ti-Pure™ Titanium Dioxide Pigment

The Toy Standards, including European Standard EN 71-3:2019+A1:2021, ASTM Standard F963-17, International Standard ISO/FDIS 8124-3:2020, the Canadian SOR 2011/17 and the Hazardous Products Act R.S.C., 1985, c. H-3 for Consumer Toy Safety, China GB 6675-2014 and Japan ST 2012 have requirements for toys to meet in order to be sold in these jurisdictions.

Included in these requirements are extraction limits for metals in toys and toy components, but extraction limits are not provided for individual raw materials used in the manufacturing of toys or their components, such as titanium dioxide. The manufacturer of any toy product has the responsibility to ensure that the finished article complies with this directive including the migration limits relevant to the intended condition of use.

It should always be remembered that the onus for ensuring compliance of a toy, or toy component, with the requirements of EN71-3 remains with the legal entity placing the article on the market. However if one were to apply these standards directly to the white pigment component of the toys, titanium dioxide pigments would be compliant with ASTM Standard F963-17, International Standard ISO/FDIS 8124-3:2020, the Canadian SOR 2011/17 and the Hazardous Products Act R.S.C., 1985, c. H-3 for Consumer Toy Safety, China 6675-2014, and Japan ST 2012.

Further questions should be directed to:
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