

Toy Safety

European Toy Standard EN71-3:2019 and Directive 2009/48/EC

EU Toy Standard EN 71-3:2019 and Directive 2009/48/EC specify conformance of final toy products with the migration limits laid down for the 19 elements of concern. These limits are applicable to the finished toy component and therefore it is not possible to provide declarations of conformity for TiONA® and TiKON™ products.

Apart from aluminium, none of the metals or organic compounds cited in the EU Standard and Directive are intentionally added as raw materials or additives in the manufacture of TiONA® and TiKON™ products. In common with most surface treated titanium dioxide products, most TiONA® and TiKON™ products are intentionally coated with aluminium compounds to improve processing and durability properties in the application. Because the titanium dioxide pigment is normally encapsulated by a plastics matrix, or an ink or coating resin, it is not directly available to the consumer. Nevertheless, the EU Standard and Directive applies to the toy itself and accordingly the final toy material requires final testing to determine that neither aluminium nor any of the 19 controlled elements migrate above the allowable limits. Please refer to our technical data sheet for surface chemistry.

ASTM F963-11

TiONA® and TiKON™ products are compliant with the metals extraction limitations cited in ASTM F963-11.

Note that the manufacturer of any toy product has the responsibility to ensure that the finished article complies with this directive including the migration limits.

Please contact Tronox Product Stewardship with questions regarding this statement, ChemProdSteward@tronox.com

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