

PRODUCT DATA SHEET

Description: Tiona 595 is a high performance, multipurpose chloride-process rutile titanium dioxide pigment designed to give an outstanding combination of dispersion, opacity, gloss and durability in a wide range interior and exterior, water and solvent based coating formulations.

Key Features:

- Highest opacity
- Exceptional tint strength
- Extreme whiteness
- Very high gloss
- Superior dispersibility
- High multipurpose durability

Applications: Tiona 595 is recommended for evaluation in:

- Decorative architectural coatings - interior and exterior
- Water and solvent-based Industrial coatings
- General industrial coatings
- Automotive, OEM and refinish
- Powder coatings
- Marine and protective coatings
- Low VOC/high solids formulations

Typical Properties:

- TiO₂ content: 95%
- Surface treatment: Alumina, zirconia, organic
- Oil absorption: 19g/100g
- pH (10% suspension): 7.5
- Specific gravity: 4.1
- Density: 34.2 lbs/gal

Additional Information: Tiona 595 conforms to:

- ASTM D476 - 00 (2000) Type VII
- BS EN ISO 591-1:2000 Type R2
- ECOIN: listed under EINECS number 236-675-5
- CAS number 13463-67-7
- Color Index 77891, Pigment White 6

Regulatory Status: Due to the wide range of applications for Tiona 595, this subject is too diverse to cover adequately in a technical datasheet. Declarations of conformity can be provided on request. Please contact your Cristal sales representative.

ASIA/PACIFIC
53 Quill Way
Henderson, WA 6186
Australia
Phone: +61.8.9411.1222
Fax: +61.8.9411.1275

EUROPE
Brielen 9
2830 Willebroek
Belgium
Phone: +32.3.860.4800
Fax: +32.3.860.4801

LATIN AMERICA
Av. Roque Petroni Jr., 999, 12th Floor
São Paulo, SP 04707-910
Brazil
Phone: +55.11.3296.1500
Fax: +55.11.3296.1501

MIDDLE EAST/AFRICA/ISC
P.O. Box 13586
Jeddah 21414
Kingdom of Saudi Arabia
Phone: +966.2.224 8000
Fax: +966.2.606.9135

NORTH AMERICA
20 Wight Avenue - Suite 100
Hunt Valley, MD 21030
USA
Phone: +1.410.229.4441
Fax: +1.410.229.4415

Tiona[®] is a Registered Trademark in the United States and other countries around the world.

Unless otherwise provided by applicable law, nothing contained in this literature shall be deemed a representation or warranty of any kind, either expressed or implied. The recommendations and suggestions given in this literature are presented for your own investigation and verification. The products of the National Titanium Dioxide Co. Ltd. (Cristal), its subsidiaries and affiliates ("Seller") are sold only on the basis of conforming to specifications, and subject to Seller's standard Terms and Conditions of Sale, but without warranty, expressed or implied, in law or in fact, of merchantability or fitness for a particular purpose and upon the condition that purchasers make their own tests to determine the suitability of such products for their particular purposes. Statements concerning the possible use of Seller's products or processes described are not intended as recommendations or permission to use the same in the infringement of any patent, or to practice a patented invention without a license. By reason of a lack of knowledge as to specific end uses of this product, no representation or warranty is made as to the conformance of the product with food contact laws or regulations. See the Safety Data Sheet (SDS) for this product for safety information prior to use.