



Tronox Titanium Dioxide

September 22, 2017

EU Classification, Labelling and Packaging (CLP) Regulation

At Tronox, we place the highest priority on the safety of our employees, contractors and customers. We emphasize safety throughout our operations around the world and have procedures and training in place to make sure that we handle materials in an appropriate and safe manner. We carefully review scientific studies related to our products, comply with all applicable regulations, and regularly update our Safety Data Sheets (SDS) to provide users with current information.

Tronox titanium dioxide is a synthetic or manufactured product made by purifying and concentrating a naturally occurring titanium dioxide bearing ore. Tronox titanium dioxide is a white pigment offered in dry powder and liquid slurry form.

“Titanium Dioxide Manufacturers Association: The regulatory status of TiO₂

TiO₂ is not classified as hazardous according to the CLP regulation. All EU manufacturers and importers of substances and mixtures are subject to Regulation (EC) No. 1272/2008 on classification, labelling and packaging (CLP). This is the EU implementation of the UN Globally Harmonised System of Classification and Labelling of Chemicals (GHS). Hazard classification under CLP may be harmonised, meaning that the regulatory authorities have determined the hazard of certain substances and specified these in Annex VI of the regulation. Titanium dioxide does not have a harmonised classification and is not listed in Annex VI of CLP.

For substances like TiO₂ that do not have a harmonised classification, the manufacturer / importer is responsible for reviewing all relevant and state-of-the-art data (on-going process) and for deciding if a hazard classification is required. TDMA member companies have completed such a review as part of the REACH registration joint submission (in 2010, reviewed and updated in 2014). The conclusion of that thorough scientific review is that TiO₂ does not meet any of the hazard classification criteria laid down in CLP regulation. Therefore, it is a non-hazardous substance when assessed according to the CLP regulation.”

Tronox titanium dioxide may not be directly added to food, pharmaceuticals, or cosmetics. Tronox titanium dioxide may not be used for implantable medical devices used for life-sustaining or life-supporting applications in humans.

The information set forth herein is furnished free of charge and based on technical data that Tronox believes to be reliable, to the best of knowledge. Nothing herein is to be taken as license to operate under or a recommendation to infringe any patents. This information and our technical advice - whether verbal, in writing or by way of trials -are given to the best of our knowledge but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale and Delivery.

Tronox® is a registered trademark



CLP, continued

Based on the information provided, Tronox titanium dioxide products do not have any classification. Tronox LLC is a member of Titanium Dioxide Manufacturer Association (TDMA).

Please contact Tronox product stewardship manager with questions regarding this statement, ChemProdSteward@tronox.com

Tronox titanium dioxide may not be directly added to food, pharmaceuticals, or cosmetics. Tronox titanium dioxide may not be used for implantable medical devices used for life-sustaining or life-supporting applications in humans.

The information set forth herein is furnished free of charge and based on technical data that Tronox believes to be reliable, to the best of knowledge. Nothing herein is to be taken as license to operate under or a recommendation to infringe any patents. This information and our technical advice - whether verbal, in writing or by way of trials - are given to the best of our knowledge but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale and Delivery.

Tronox® is a registered trademark