



Tronox Titanium Dioxide

August 28, 2017

Eco-label

The European Commission decision 2014/312/EU of May 28, 2014 established revised criteria for the award of Eco-Label for indoor- and outdoor paints and varnishes. Tronox titanium dioxide products manufactured at its facilities (Botlek, The Netherlands; Mississippi, United States; and Kwinana, Australia) are in compliance with the chloride process Eco-Label requirements:

Criterion 2, Titanium dioxide pigment (Chloride process):

- If natural rutile ore is used, 103 kg chloride waste / ton TiO₂ pigment.
- If synthetic rutile ore is used, 179 kg chloride waste / ton TiO₂ pigment.
- If slag ore is used, 329 kg chloride waste / ton TiO₂ pigment.

If more than one type of ore is used, the values will apply in proportion to the quantity of the individual ore types used.

Regarding the presence of certain heavy metals and substances restricted under Eco-Label, Tronox does not intentionally add cadmium, lead, chromium VI, mercury, arsenic, barium, selenium, antimony or cobalt in the manufacture of its titanium dioxide pigment. Titanium dioxide pigment is a synthetic or manufactured product made by purifying and concentrating titanium dioxide bearing feed stocks. Although trace amounts of some heavy metals may be present in the finished product as impurities, testing results performed on lot composite samples representative of Tronox production show levels to be well below threshold limits established under Eco-label.

Furthermore, in the manufacture of Tronox titanium dioxide pigment, substances or mixtures meeting the criteria for classification with the hazard classes or categories in accordance with Regulation (EC) 1907/2006/EU are not added above limits said in the Eco-Label publication 2014/312/EU. While Tronox does not specifically test for all of these substances, based on current knowledge of our process, it is unlikely that they might be present in the finished product in levels exceeding the limits set in the Eco-label regulation.

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.

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