



**Blauer Engel/Blue Angel: Anlage T/Annex T**  
**Declaration for Paints and varnishes applications based on Commission**  
**Decision 2014/312/EU for TiO<sub>2</sub> emissions**

TiO <sub>2</sub> manufacturer (Name, address):	
Contact person (name, mail, tel.no):	
Trade name of the product:	
Production process:	
Concentration of TiO <sub>2</sub> (in % w/w) in the product:	

The emissions and discharges of wastes from the production of the above mentioned titanium dioxide pigment **do not** exceed the following<sup>1</sup> values. Current values for the above mentioned product are presented below.

**For the sulphate process:**

SO<sub>x</sub> calculated as SO<sub>2</sub> (<7.0 kg/tonne TiO<sub>2</sub> pigment):

Sulphate waste: (<500 kg/tonne TiO<sub>2</sub> pigment):

**For the chloride process:**

Natural rutile ore is used (<103 kg chloride waste/tonne TiO<sub>2</sub> pigment):

Synthetic rutile ore is used (<179 kg chloride waste /tonne TiO<sub>2</sub> pigment):

Slag ore is used (<329 kg chloride waste /tonne TiO<sub>2</sub> pigment):

More than one type of ore is used. The values will apply in proportion to the quantity of the individual ore types used.

**Notes:**

SO<sub>x</sub> emissions only apply to the sulphate process.

The Waste Framework Directive 2008/98/EC, article 3 shall be used for the definition of waste. If the TiO<sub>2</sub> producer can satisfy article 5 (by-product production) of the Waste Framework Directive for its solid wastes then, the wastes shall be exempted.

Chloride by-product (kg/tonne TiO<sub>2</sub> pigment) exempted:

Place:

Date:

Signature and stamp

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<sup>1</sup>As derived from the Reference Document on Best Available Technology for the Manufacture of Large Volume Inorganic Chemicals (BREF), August 2007