

## EU Classification of Titanium Dioxide And Mixtures Containing It

On the **18 February 2020** the European Union published a delegated regulation classifying titanium dioxide (TiO<sub>2</sub>) as a category 2 suspected carcinogen by inhalation under EU Regulation (EC) No 1272/2008 on classification, labelling and packaging (CLP) of substances and mixtures. The EU's decision will enter into force 18 months after the above date.

In their letter of the 18<sup>th</sup> February 2020, the Titanium Dioxide Manufacturers Association (TDMA) states that they disagree with the classification and has consistently made its views known throughout the regulatory discussion since 2017. FP-Pigments agree with the TDMA assessment and continues to follow developments lead by the TDMA.

The above classification of TiO<sub>2</sub> is limited to powders and the regulatory text refers to "powder TiO<sub>2</sub> and mixtures placed on the market in powder form containing 1 % or more of TiO<sub>2</sub> which is in the form of, or incorporated in, particles". Liquid suspensions and some solid mixtures are not classified, but specific warning statements and labels need to be applied to those that contain more than 1 % of TiO<sub>2</sub>. The classification further acknowledges that this hazard only occurs under prolonged inhalation exposure to very small TiO<sub>2</sub> particles at an extremely high concentration.

### Products from FP-Pigments

Given the above regulation, FP-Pigments Opacity Pigment™ that contain 1% or more of TiO<sub>2</sub> pigment, will also be categorised as a category 2 suspected carcinogen by inhalation when supplied as a dry powder.

FP-Pigments are now preparing for the change of labelling of all packages of dry powder grades containing 1% or more of titanium dioxide as well as adjustments to our safety data sheets to ensure that we are in full compliance with the EU legislation on chemicals prior to enforcement.