

MANUFACTURER'S DECLARATION ON THE SAFETY OF FN NANO[®] PRODUCTS WITH REGARD TO THE USE OF NANO MATERIALS

The FN NANO[®] coating technology is used to reduce the risk of the formation and transmission of dangerous diseases and to clean the air from odors and dangerous substances.

FN NANO[®] coatings are materially composed so that their use is completely safe for both the customer and application companies. These composites contain only mineral, inert insolubles and are pH neutral. All products have been tested and accredited and meet all Czech, European and other globally recognized safety standards that apply to nano materials. The use of FN NANO[®] products is in accordance with the European Commission Delegated Regulation (EU) 2020/217. The safety of FN NANO[®] products is also confirmed by an accredited assessment of their safety according to the toughest legislation related to the nano form of titanium dioxide - **California Proposition 65** (<https://oehha.ca.gov/proposition-65>).

FN NANO[®] coatings do not release any respirable particles into the environment when used as declared.

Spaces treated with FN NANO[®] coatings many times meet today's limits on permitted concentrations of nano TiO₂ in the air, both in the working and living environment.

In the **working environment**, the dust limit for TiO₂ in the Czech Republic is given by 10 mg / m³, but FN NANO[®] technology clearly meets even the limits proposed by the American NIOSH (The National Institute for Occupational Safety and Health)¹. Dust potentially released from FN NANO[®] coating is at least 10000x less than the NIOSH proposed concentration.

The FN NANO[®] technology also meets strict hygienic limits for the concentration of TiO₂ dust in the **indoor environment** of living rooms in buildings, provided that the particle volume is at least 2500x less than the specified concentrations, which are determined by Decree 6/2003 Coll.: Non-respirable dust fraction PM10 = 150 µg / m³ ; respirable dust fraction PM2.5 = 80 µg / m³.

¹NIOSH proposal considers a completely safe working environment for the limit proposed for TiO₂ ultrafine particles of 0.3 mg / m³ and TiO₂ pigments 2.4 mg / m³

All of the above statements made by the manufacturer in this document and in the safety data sheets of the product are substantiated by documents of accredited organizations, certificates, measurement protocols and other documents of independent third parties.

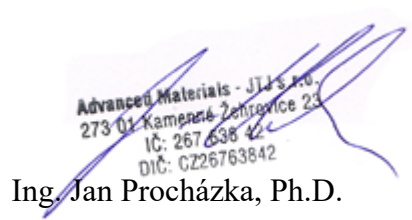
The precautionary criterion for the potential release of nanoparticles into the environment was also applied to create this statement.

There are no other legal restrictions on the use of FN NANO[®] products in terms of the use of the nano form of titanium dioxide in the Czech Republic or the European Union.

CONCLUSION:

The use of FN NANO[®] does not pose any risk to humans or the environment in terms of applicable legislation, the degree of theoretical knowledge, and extensive practical experience gained from their application.

In Prague on January 1, 2021

A blue ink handwritten signature is written over a rectangular stamp. The stamp contains the following text: 'Advanced Materials - JTJ s.r.o.', '273 01 Kamenné Žehrovice 23', 'IČ: 26763842', and 'DIČ: CZ26763842'.

Ing. Jan Procházka, Ph.D.

Advanced Materials-JTJ s.r.o.