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Microbiological fitness for contact with drinking water

The material TF(1)WCS, tested in the versions:

- TF6WCS natural and black (report number 2100598 / 13521 / 1H)
- TF9WCS natural and black (report number 2100598 / 13521 / 2H)

is comply with the microbiological requirements for application in direct contact with drinking water. This was proved by testing the materials according to EN 16421 (former DVGW sheet W270) (OFI test reports 2100598 / 13521 / 1H and 2100598 / 13521 / 2H). Details regarding testing procedure and test results are itemized in the test reports.

The composition of both compounds is based on the same single components. According to the different hardness of the compounds, the single components are applied at differing proportions. The two compounds “TF6WCS” and “TF9WCS” could be considered to mark the endpoints of a series of compounds, based on the same raw materials with differing proportions.

The individual and detailed formulations of “TF6WCS” and “TF9WCS” could cover the maximum concentrations of all single components („limit-formulations“). Based on this fact and with regards to the positive EN 16421 test results for “TF6WCS” and “TF9WCS” could it can be assumed, that the compounds named “TF7WCS” and “TF8WCS” – with formulations between the mentioned limit formulations – comply with the microbiological requirements for application in direct contact with drinking water too.

This compliance with the microbiological requirements also covers the range of materials between TF6WCS (58 ShA) and TF9WCS (87 ShA) including pigments which are used for colouring these materials. In detail it concerns the compounds TF(1)WCS whereat

- (1) stands for the numbers 6 - 9 and indicates the Shore A hardness

This document is valid until **2026-09-29** and cannot be prolonged by any means.

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