**Technical Data Sheet**

**KRONES multicroma silan 2401**

Precursor for the silicatization of surfaces by flame pyrolysis.

**Range of application and processing**

KRONES multicroma silan 2401 is a liquid additive that is explicitly designed for the use of flame pyrolysis to silicate surfaces. KRONES multicroma silan 2401 is particularly distinguished by its high purity. KRONES multicroma silan 2401 is used in SFT silanisation as a silane additive component for dosing into the burner air of a flame treatment system. This makes it possible to deposit very uniform and firmly adhering silicate layers (layer thickness approx. 5 to 40 nm) with high surface energy on metals, glass, ceramics and plastics.

KRONES multicroma silan 2401 is best filled into the dosing device after precooling in the laboratory refrigerator (with ex-protection) simply via the refilling openings.

**Technical information**

Colour: crystal clear, transparent, colourless

Density (25 °C): 0,760 g/cm3

Melting point: -68°C

Refractive index (25°C) 1.3745

Solubility: very good in most organic solvents, bad in water

**Danger warnings and safety information**

Liquid and vapour highly flammable. Very toxic to aquatic organisms, with long-term effects. Keep away from heat, hot surfaces, sparks, naked flames and other sources of ignition. Do not smoke. Keep container tightly closed. Avoid release into the environment.

In case of contact with skin: Remove all contaminated clothing immediately.

In case of fire: Use water spray, alcohol-resistant foam, extinguishing powder or carbon dioxide to extinguish the fire. Absorb spilled material.

Please refer to the safety data sheet for further information.

The information, notes and suggestions contained in this data sheet, in particular regarding the processing and use of KIC Krones products, are based on our latest knowledge and experience. The products have been tested and optimised under our laboratory conditions. However, we have no influence on their working conditions. For this reason, we strongly recommend that you carry out sufficient in-house tests with your own materials in order to confirm the suitability of our products for the application. No liability can be derived from the information in this data sheet or from verbal advice. We reserve the right to make changes to technical progress.

**Material safety data sheet**

The current material safety data sheets can be requested under the following link at any time:

<https://www.kic-krones.com/en/why-kic-krones/downloads.php>

The contents of this product information are based on our general experience and to the best of our knowledge at the time of printing. The product information should provide hints for possible applications to the technically experienced reader. However, the product information is not intended to guarantee any properties of the described product, nor the suitability of the product for individual applications. It does not release the user from testing the selected product prior to application. We recommend individual consultation and are happy to provide samples on request, if possible. KRONES multicroma products are continuously developed. We therefore reserve the right to change all technical data of this brochure at any time without notice.