

New paths of document security

It has never been as easy as today to counterfeit documents. Due to colour copiers, scanners and printers even laymen are able to copy and imitate documents and signatures, corporate logograms and brands. Especially for documents of the highest security priority like passports or bank notes again and again new security techniques are established. But it seems to be an unpromising campaign. Once a new system is employed to secure documents counterfeiters stand by to imitate it. But there is light on the horizon: A novel technology enables to link security elements like holograms or void-foils with individual, unique and forgery-proof micro colour codes.



Microscopically small and extremely durable melamine-alkyd-polymer particles are the basis of the security system SECUTAG® by Simons Druck. The particles are – world-wide unique – feasible in different sizes from 5 to 45 µm depending on the application. The security code is realised by the so called sandwich process which features four to eleven different coloured layers. The applications of the micro colour codes are exceedingly versatile: SECUTAG® is easily and economically processable in printing methods like offset-, gravure, letter- flexo-, screen- or pad-printing as well as with a brush, in coating processes or in varnishing machines. Furthermore it can be imprinted onto labels or hot stamping foils.

An easy coating is for example possible using a dispenser. The system is also applicable to safety threads. A further advantage of the colour-code system is its easy identification. Complicated procedures or expensive instruments are not necessary for the verification and the detection. A simple tube microscope (100X) is suited as reader. Within seconds the genuineness of documents like passports, visa, official papers, contracts, policies or transport documents is detectable.

SECUTAG® is manufactured under highest standards of security. Each customer acquires his unique, personal SECUTAG® colour code. It secures documents like a fingerprint and is accepted as decisive evidence in court. Despite of these advantages SECUTAG® is one of the most competitive security systems on the world market. The cost of marking one product amounts to a fraction of a cent.

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For further information on product safety and SECUTAG® please refer to Simons Druck und Vertrieb GmbH, Lise-Meitner-Str. 6, 48301 Nottuln. Fon: +49-2502-23 33 0, Fax +49- 2502-23 33 33, or visit www.secutag.com.

**Further information? Images?
Graphical material? User reports?**

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