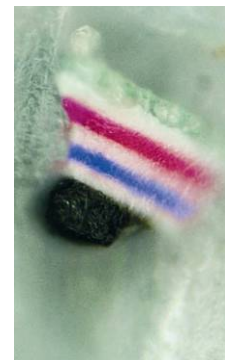


## Microscopically small colour codes secure dangerous goods

Marking products and their packaging is an important topic in transport and storage of dangerous goods. From the producer to the distribution channel and the user and subsequently to the disposal: Fundamental information on provenience, destination and disposition of a dangerous good has to be available at any time. Likewise it has to be traceable that a dangerous good incloses the hazardous substance which is declared on the transport documents. But how is this possible in the field in case of doubt without complex chemical analysis? Simons Druck provides with the micro colour codes SECUTAG® a real smart answer to this question.



Microscopically small and chemically durable melamine-alkyd-polymer particles are the basis of the security system SECUTAG®. 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. Four to eleven different coloured layers result in a colour code which identifies the products. The applications of the micro colour codes are exceedingly versatile: The colour code particles can be added to solids, liquids as well as to powders and bulk goods. SECUTAG® can also be added or printed on the UN-standard-packaging, the closures and the appropriate transport documents already at their production or applied later on.

Benefit to the user: Hazardous substances can be durably, uniquely and forgery-proof linked to single-, inside- and outside-packaging, to canisters, combi-packaging or IBCs using one and the same security system. The micro colour code identifies the products like a genetic fingerprint. The codes are easily readable during transport and storage with a tube microscope or an automatic reader. SECUTAG® is accepted as decisive evidence in court if the provenience of a hazardous good has to be traced or if an appropriate disposal has to be proved. Important actions have been won and unjustified liability claims have been overruled with the aid of SECUTAG®.

According to experts SECUTAG® is one of the world market's most effective and most flexible product security systems. Furthermore SECUTAG® is outmost cost-effective as well as easy in its application and integration into the existing production flow.

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](http://www.secutag.com).

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