

Declaration of Materials in Electronic Parts and Components - General Position Paper

January 2003

The request of customers for detailed materials specification on individual electronic components - semiconductors, passive components, printed circuit boards and electromechanical components - as well as sub-assemblies poses huge problems for the whole supply chain.

With regard to more than 60.000 different electronic components being currently available any solution that is based on individual specifications for each company and component, e.g. per part number, will create huge efforts in terms of time consumption and costs for all partners in the supply chain.

Moreover, there are no standards existing which results in multiple effort as customers deal with their own substance lists and put very individual requirements on the component suppliers.

However, the suppliers of electronic components and sub-assemblies are of course willing to satisfy the needs and demands of their customers.

In order to provide the information in an efficient way the Electronic Components Division within the German Electrical and Electronic Manufacturers Association (ZVEI) together with the industrial partners has developed the so-called Umbrella Specifications for materials specification of Electronic components, sub-assemblies and assemblies.

Moreover a standardisation process is under way aiming at the Umbrella Specifications to become a world-wide standard for the materials specification of Electronic Components.

The approach fulfils all legal requirements, is consistent along the supply chain, enormously reduces the number and enables our customers to access all relevant information in a very efficient way. The corresponding description of the Umbrella Specifications can be downloaded via URL: http://www.zvei-be.org/materialcontentes/infosatusquo_engl.html

Within March 2003 the materials data for the majority of electronic components shall be provided by the electronic component manufacturers via Umbrella Specification. The Electronic Components

Division within ZVEI is currently establishing a web-based solution, which allows the customer to access the materials information in a comfortable way.

For further questions please do not hesitate to contact us.

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