

## **IMDS (International Material Data System) Status from the View Point of the Component Manufacturers in the Electronics Industry**

- **Introduction**

The quantity of different electronic components, being employed in electronic applications, lies in the region of tens of thousands. A considerable number of these components are applied in the automotive industry.

- **Provision of material contents data - current situation**

Today, the material contents data of electronic components are available to inquirers partly upon individual request, partly through databases or via sources in the Internet.

- **Material contents data in IMDS format**

The request addressed by the automotive industry, to provide material contents data in IMDS format for each individual component poses large problems. The time and personnel resources required to provide this level of detailed information is huge. For this reason the electronics industry sees no possibility to enter the individual materials data of components, for our automotive customers and their suppliers, into the IMDS system.

- **Alternative: presentation of product families**

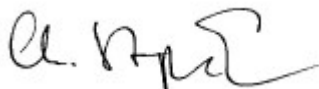
The electronic components industry is of course interested in finding a satisfactory solution to the issue of providing the product data in a way that is useful to the customer. Thus, a number of electronic component manufacturers are currently working together in order to create such a solution. This solution will be based on the presentation of special product families with typical characteristics, where the number of varying inputs will be drastically reduced. The exactness of the inputs is almost unchanged. This simplification significantly reduces the costs and offers additional advantages through the opportunity to second source. This integrated manufacturer extension also takes the interests of individual suppliers in the electronics industry into account.

- **Roadmap**

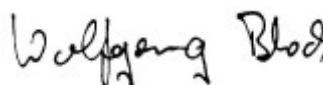
The partners of the electronic component industry taking part in this project are currently working on a roadmap, the aim of which is to provide these chemical data sheets for 70-80% of individual product groups for the (automotive) industry and their suppliers within the next 12 months.

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