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with Amendments 1, 2 and 3

Materials Declaration Management Standard

Developed by the Materials Declaration Task Group (2-18b) of the
Supplier Declaration Subcommittee (2-18) of IPC

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Users of this publication are encouraged to participate in the
development of future revisions.

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IPC

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Materials Declaration Management

1 SCOPE

This standard establishes the requirements for exchanging material and substance data between suppliers and their customers for electrical and electronic product. This standard applies to products, components, subproducts and materials that are supplied to producers of electrical and electronic products for incorporation into their products. It covers materials and substances that may be present in the supplied product or subproduct. It does not apply to process chemicals, unless those process chemicals constitute part of the finished product or subproduct.

This standard applies to business-to-business transactions. It is not intended to be used by the general public when making purchasing decisions. The standard is not a compliance guide. As revisions to the European Union's Restriction of Hazardous Substances (RoHS) Directive and the European Union's REACH Regulation are released, this standard will be updated. Exemptions are for specific applications as defined, and management of usage and expirations are between the requester and the supplier.

1.1 Purpose This standard is intended to benefit suppliers and their customers by providing consistency and efficiency to the material declaration process. It establishes standard electronic data exchange formats that will facilitate and improve data transfer along the entire global supply chain.

1.2 Classes This standard establishes four classes for declaration of materials. Classes may be combined as desired.

Table 1-1 Material Declaration Classification

Class	Description	Declaration Type	Detailed Requirements
A	– Reporting in Query/Reply format	Query/Reply	– Supplier provides responses to standard queries and/or optional custom queries as shown in Section 6-1.
B	– Material class reporting	Material Class	– Supplier states the amount of different classes of materials within a product.
C	– Substance category reporting at the product level	Substance category compliance declaration	– Supplier provides mass and/or concentration of substance category at the product level if above thresholds.
D	– Substances reporting at the homogeneous material level	Substance composition disclosure	– Supplier provides location, mass, substances at homogeneous material level.