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

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Materials Declaration Standard for Aerospace and Defense

1 SCOPE
This standard establishes the requirements for exchanging material and substance data for Products between suppliers and their customers for Aerospace and Defence (AD), Heavy Equipment (HE) and other industries.
This standard covers the process for exchanging data on chemical substances (“Substances”) that may be present in materials, used in production, operations, maintenance, repair or overhaul/refurbishment of the supplied 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. This standard is not a compliance guide.
Multiple Declarable Substance Lists (DSL) designated by various industries may be applicable to this standard for reporting purposes. One example of an industry designated DSL is the International Aerospace Environmental Group (IAEG®) Aerospace and Defence Declarable Substances List (AD-DSL).

1.1 Purpose
This standard covers specific requirements for data as described in the Scope to be exchanged between a supplier and a requester.

2 APPLICABLE DOCUMENTS
The following documents may be used as references to the extent specified herein. Unless otherwise specified, documents below that are in effect at the time of supplier declaration shall take precedence.

2.1 IPC¹
IPC-T-50 Terms and Definitions for Interconnecting and Packaging Electronic Circuits
IPC-1751A Generic Requirements for Declaration Process Management

2.2 Other References
This standard is not limited to the regulatory requirements referenced below. Any requester may add additional requirements as needed.
The following references are related to the standard but are not required for usage of the standard.

2.2.1 IPC¹
IPC-1752A Materials Declaration Management


3 TERMS AND DEFINITIONS
The following definitions are aligned with IPC-1751A, IPC-1752A, and IPC T-50. An asterisk (*) by the end of the term indicates that the definition is unique to IPC-1754.

3.1 Article* An object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition.
Source: EU REACH 1907/2006 legislation. Article 3(3).

3.2 Bill of Material (BOM)* A list of the raw materials, sub-assemblies, intermediate assemblies, sub-components, parts and the quantities needed for a product structure.

¹. www.ipc.org