

## Guarantee Letter

The purpose of this letter is to guarantee the supplier of Microtips base for conformance to the RoHS requirements outlined in the "Restriction of the use of certain hazardous substance in electrical and electronic equipment" and that no use prohibited or restricted substances as defined in RoHS for Microtips green products that defined and schedule as below:

- 1> Microtips declared to be a Manufacturer of Green Products from January 2006.
- 2> Customer name: **Mouser**
- 3> Item **NMTX-XXXXXXXXXXXX-XX, MTF-TXXXXXXXX-XX, UMXX-XXXXXX-XXX**, conforms to RoHS policy.

### **Restricted Substances**

- Lead – Pb
- Mercury – Hg
- Cadmium – Cd
- Hexavalent Chromium – Cr(VI)
- Polybrominated biphenyls – PBB
- Polybrominated diphenyl ethers – PBDE

### **Maximum Concentrations**

- .1% parts per million
- .1% parts per million
- 01% parts per million
- 1% parts per million
- .1% parts per million
- .1% parts per million

Plant Name: Microtips Technology Inc.  
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## Terms and Definitions

**CAS #** - See Substances

**D-U-N-S® # - Data Universal Numbering System®** is a system developed and regulated by Dun & Bradstreet (D&B) which assigns a unique numeric identifier to a single business entity

**Homogeneous Material** – All individual assembly material included in the composition of the finished material (e.g., for plated aluminum the plating and the aluminum must meet the maximum concentration limits for banned substances separately, thus must be listed separately)

**Intentionally added** – Deliberate use in the formulation of a product or subpart where its continued presence is desired to provide a specific characteristic, appearance, or quality. If listed materials or substances are contained in products or subparts purchased by the supplier and are incorporated, such materials/substances must be disclosed if the supplier has knowledge (or with reasonable inquiry should have knowledge) of the presence of such material or substances.

**“Level A” Materials** – Materials and substances subject to current legislation or law prohibiting, restricting, or requiring threshold limits to be met

**“Level B” Materials** – Materials and substances determined relevant for disclosure if one of the following criteria are met:

- They are of significant environment, health, or safety concern
- Trigger hazard waste management requirements
- Negative impact on end-of-life management

**Material** - A material is made up of one or more substances (e.g., an alloy is a material which is made up of a number of defined substances)

**Product** – The item the vendor/manufacturer is supplying (e.g., assembly, subassembly, component, raw material)

**Subpart** – A sub-unit of a product

**Substances** – Chemical elements and their compounds (e.g., lead (chemical element), lead oxide (compound), polyvinyl chloride (compound)). Registry numbers of the **Chemical Abstracts System (CAS #'s)**, a division of the American Chemical Society, are unique identifiers assigned to all chemical elements and compounds and used for their identification since chemicals often have many names

**Threshold level** – Concentration level which defines the limit (equal to or) above the presence a substance or material in a product or subpart must be declared.