

# SUNON®

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## Sunon's RoHS Statement for all its Products

**SUNON will start supplying RoHS-compliant products beginning in March, 2005.**

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# Introduction

Increasing consumer and commercial demand for electronic and electrical products coupled with the shortening of product lifecycles is escalating the amount of electronic waste produced. Much of this waste contains substances which are hazardous to humans and the environment. The desire to better protect our environment has led many developed countries to enact legislation for regulating the materials that may be used in electronic products within their regions. Among them the EC has actively demonstrated its concern and resolve by issuing the \*\*RoHS Directive on Feb 13, 2003.

SUNON's continual commitment to developing environmentally friendly products was demonstrated in the company's early adoption in January 2001 of material selection criteria that was in compliance with international environmental-protection standards. In May, 2003 SUNON's efforts were recognized by being certified as a 'SONY Green Partner'.

SUNON was one of the first fan manufacturers to adopt RoHS and to have the capacity to offer RoHS-compliant products.

**\*\*RoHS: Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (2002/95/EC)**

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# About RoHS

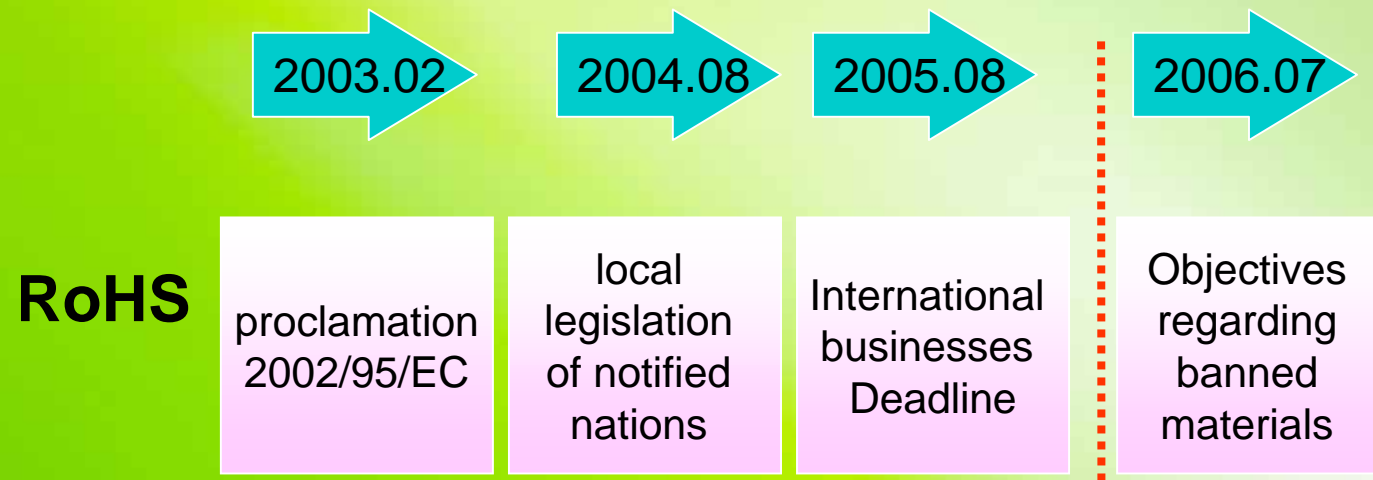
Associated to the WEEE Directive, the RoHS Directive seeks to reduce the concentration levels of six environmentally hazardous substances from homogeneous materials found with Electrical and Electronic equipment placed in the single market after 1<sup>st</sup> July 2006.

| Regulated substance | Regulated quantity by weight (Max) | Possible components/materials                                                                                        |
|---------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Lead                | 0.1%                               | Solders, termination coatings, paints, pigment, PVC stabilizers                                                      |
| Cadmium             | 0.01%                              | Coatings, solders, semiconductors, contacts, pigment, PVC stabilizers                                                |
| Hexavalent Chromium | 0.1%                               | Coating to prevent corrosion (on zinc, aluminum or in paints)                                                        |
| Mercury             | 0.1%                               | Fluorescent lamps, batteries, sensors, relays                                                                        |
| PBDEs and PBBs      | 0.1%                               | Fire retardants generally used in PCB boards, components (i.e. connectors), plastic materials, electric cables, etc. |

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# Schedule for RoHS adopting



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# Sunon General targets to regulate materials for environmental protection

1. Motor stators
2. Outer frames
3. Blades
4. PCB boards
5. Lead wire (incl. heat-shrinkable tubes)
6. Packaging materials
7. Label

RoHS compliant fans & blowers will be identified by the suffix “GN” on its part number.

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# THE END

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