



# **RoHS Compliance Policy**

**August, 2005**

## Introduction

SanDisk is committed through its environmental management policy to support and comply with the restriction of hazardous substances directive (RoHS). Our policy for achieving and maintaining compliance to the RoHS standard is outlined below:

- Procurement of RoHS compliant materials
  - SanDisk Procurement policy and procedures require all suppliers to be RoHS compliant for products to SanDisk.
  - SanDisk Procurement has informed all suppliers by letter to send a materials declaration data sheet (MDDS) for every item supplier to SanDisk or any SanDisk subcontractor.
  
- Certificate of Compliance to the RoHS Directive from subcontractors and suppliers
  - SanDisk requires all subcontractors and suppliers to provide a C of C to the RoHS directive for all products supplied to SanDisk.
  
- Regular auditing of product families for RoHS Compliance
  - SanDisk will periodically perform a chemical analysis on samples taken from product families to ensure that RoHS compliance is being maintained.
  - SanDisk will establish RoHS substance monitoring as a part of the SanDisk ORT (Ongoing Reliability Test) program.
  
- Verification of New Products
  - SanDisk requires all new products to comply with RoHS by stating this objective in the design objective specification.
  - SanDisk reviews the compliance of new products to the RoHS directive before release.
  
- Certification of Compliance (C of C) for all SanDisk products
  - SanDisk will certify product compliance to RoHS by issuing a certificate of compliance (C of C) to customers. See exhibit A.

## **Key Environmental Management System Objectives**

SanDisk is committed to conduct business in such a way that protects and preserves the environment as well as the health and safety of our employees, our customers and the communities in which we live.

- SanDisk and its subcontractors are certified to ISO14001.
- SanDisk products are compliant with the RoHS Directive.
- SanDisk product design guidelines for creating new products contain the following:

Reduction of transport-related energy consumption by reducing product volume and weight

Improvement of product and packaging design

Removal of banned and restricted substances from products

Designing with final product disposal in mind

## **On-Going Improvement**

As a part of our mission for total customer satisfaction and continual improvement, SanDisk will continue to monitor changes in the Directive to ensure that our products continue to comply with the latest requirements.

## RoHS Compliance Timeline

**Phase I: ISO 14001**

SanDisk is ISO14001 certified.

**Completed November 2004**

**Phase II:**

All SanDisk products are available lead-free.

**Completed December 2004**

**Phase III: RoHS Compliant Products**

All SanDisk products are available in RoHS compliant versions.

**Completed June 2005**

## Exhibit A: RoHS Compliance Declaration



### Compliance Certificate of SanDisk products

SanDisk certifies that to its knowledge our products conforms to the European Union's Restriction on Use of Hazardous Substances in Electrical and Electronic equipment (RoHS ) Directive 2002/95/EC for six regulated substances. This certification is applicable to the following products with manufacturing date code of September 2005 and thereafter: miniSD, microSD, TransFlash, MS Pro, MS Pro Duo, MMC, rsMMC, xD, SD-plus, TriFlash, and iNAND. The certification will also apply to all SD and CF products with 2006 date codes.

Ink marked date code: cc0509xx  
Laser marked date code: cc05280xx

This status is based on the SanDisk's understanding of RoHS, SanDisk's knowledge of the materials that go into its products and laboratory analysis of its products as of the date of disclosure of material content information.

Banned Substances	RoHS proposed Maximum Concentration Value in ppm (1)	SanDisk Analysis values in ppm (2)
Cadmium ( Cd)	100	<7
Lead (Pb)	1000	<31
Mercury (Hg)	1000	<2
Hexavalent Chromium ( Cr6)	1000	<2
PBB(Mono Through Deca)	1000	<100
PBDE (Mono Through Deca)	1000	<100

- (1) Maximum limit does not apply to applications covered by RoHS exemptions.
- (2) Maximum measured ppm from lab analysis on products.

Signature:

Name/Title: Arun Malhotra, Director Reliability & Failure analysis.

Date: September 15, 2005

**Important Information and Disclaimer:** Information provided by SanDisk on its website or in other communications concerning the substance content of its products represents SanDisk's knowledge and belief as of the date that it is provided. SanDisk bases its knowledge and belief on information provided by third parties and laboratory test results and makes no representation or warranty as to the accuracy of such information. Efforts are underway to better integrate information from third parties. SanDisk has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and chemicals. In no event shall SanDisk's liability arising out of such information exceed the total purchase price of SanDisk part(s) at issue sold by SanDisk to Customer on an annual basis.

