



## Material Declaration Data Sheet

Product: **Server Chassis SR1550/Server System SR1550AL**

Manufacturer: Intel Corporation

Note: This declaration applies to all associated product codes noted on Page 2

Lead Free (Pb) Product: **NO**

Date: September 5, 2006

### Restriction on Hazardous Substances (RoHS) Compliance

#### RoHS Definition

- Quantity limit of 0.1% by mass (1000PPM) for: Lead (Pb), Mercury, Hexavalent Chromium, Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE)
- Quantity limit of 0.01% by mass (100 PPM) for: Cadmium

Intel understands RoHS requires: Lead and other materials banned in the RoHS Directive are either (1) below all applicable substance thresholds as proposed by the EU or (2) an approved/pending exemption applies. (Note: RoHS implementing details are not fully defined and may change.)

#### RoHS Declaration

- 1. Lead in glass of cathode ray tubes, electronic components and fluorescent tubes.
- 2. Lead as an alloying element in steel containing up to 0.35 % lead by weight.
- 3. Lead as an alloying element in aluminum containing up to 0.4 % lead by weight.
- 4. Lead as an alloying element in copper containing up to 4 % lead by weight.
- 5. Lead in high melting temperature type solders (i.e. lead based alloys containing 85 % by weight or more lead)
- 6. Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signaling, transmission as well as network management for telecommunications.
- 7. Lead in electronic ceramic parts (e.g. piezoelectronic devices).
- 8. Lead used in compliant pin connector systems.
- 9. Lead as a coating material for the thermal conduction module c-ring.
- 10. Lead in optical and filter glass.
- 11. Lead in solders consisting of more than two parts for the connection between the pins and the package of microprocessors with a lead content of more than 80% and less than 85% by weight.
- 12. Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit Flip Chip packages.
- 13. Cadmium in optical and filter glass.
- 14. Cadmium and its compounds in electrical contacts and cadmium plating except for applications banned under Directive 91/338/EEC (\*) amending Directive 76/769/EEC (\*\*) relating to restrictions on the marketing and use of certain dangerous substances and preparations.
- 15. Lead in bronze bearing shells and brushes.
- 16. Other

Where the product is declared to meet RoHS requirements, it has been verified to be in conformance with 2002/95/EC as we currently understand the requirements. Intel has systems in place to verify conformance with all applicable environmental requirements and to the best of our knowledge the information is true and correct.

INTEL ACCEPTS NO DUTY TO UPDATE THIS DECLARATION OR TO NOTIFY USERS OF THIS DECLARATION OF UPDATES OR CHANGES TO THIS DECLARATION. INTEL SHALL NOT BE LIABLE FOR ANY DAMAGES, DIRECT OR INDIRECT, CONSEQUENTIAL OR OTHERWISE, SUFFERED BY USERS OR THIRD PARTIES AS A RESULT OF THE USERS RELIANCE ON INFORMATION IN THIS DECLARATION THAT HAS BEEN UPDATED OR CHANGED.

# Product Code Information



<b>Product Code</b>	<b>Description</b>	<b>*RoHS Exemption #</b>
ADWBEZBLACK	PROD CODE, STD FP OUTER BEZEL	None
ADWLCDBEZEL	PROD CODE,2U,OUTER LCD BEZEL	,6
ADWPCIEXPR	PROD CODE,EKIT,1U, FH PCI-E RISER	,6
ADWPCIXR	PROD CODE, EKIT, 1U, FH PCI-X RISER	,6
AXXBRACKETS	PROD CODE, BRACKET MOUNTING KIT	None
AXXDVDCDR	PROD CODE, CDR/DVD WRITES CDS READS DVD	None
AXXHERAIL	PROD CODE,RAIL KIT, HE	None
AXXLCPRACK	PROD CODE, LCD MOD, RACK	None
AXXRACKCARM	PROD CODE,CABLE ARM, KIT	None
AXXRACKFP	PROD CODE,EKIT, FRONT PANEL	,6
AXXRAK18E	PROD CODE, INTEL RAID ACTIVATION KEY	None
AXXRJ45DB92	PROD CODE, SERIAL DONGLES	None
AXXSCD	PROD CODE, AXXSCD	None
SRCS16	PROD CODE, SRCS16	,6
SRCS28X	PROD CODE, SRCS28X	,6
SRCSAS18E	PROD CODE, SRCSAS18E	,6
AXXRSBBU3	PROD CODE, BATTERY BACKUP	None
SRCSAS144E	PROD CODE, SRCSAS144E	,6
AALIO	PROD CODE, BOX BOARD IO PANEL	None
ASR1550BEZ	PROD CODE,FRONT PANEL OUTER BEZEL	None

ASR1550CHSPR	PROD CODE, CHASSIS SPARE KIT	None
ASR1550LCDBEZ	PROD CODE, LCD OUTER BEZEL	None
ASR1550MINBEZ	PROD CODE, MINI- FRONT PANEL BEZEL	None
ASR1550PS	PROD CODE, POWER SUPPLY SPARE KIT	None
ASR1550SATA	PROD CODE, SATA CABLE ACC	None
AXXDVDROM	PROD CODE, DVD- ROM READS DVD AND CD	None
AXXUSBFLOPPY	PROD CODE, USB FLOPPY CONV KIT	None
BB5000XAL	PROD CODE, GC, OEM	None
FSR1550PDB	PROD CODE, PDB SPARE KIT	None
FSR1550PKG	PROD CODE, SPARE SHIPPING BOX	None
FXX1UFAN	PROD CODE, FAN KIT	None
S5000PAL	PROD CODE, BOX BOARD	6
ASR1550EESPR	PROD CODE, ELECTRICAL SPARE KIT	,6
ASR1550FP	PROD CODE, STANDARD FRONT PANEL ACCESSORY	,6
ASR1550MINFP	PROD CODE, MINI- FRONT PANEL ACCESSORY	,6
ASR15XXLPRIS	PROD CODE, LOW PROFILE PCI-E RISER	,6
AXXGBIOMOD	PROD CODE, IO MODULE DUAL GB	,6
AXXSASIOMOD	PROD CODE, IO MODULE, EXTERNAL SAS	,6
BB5000PAL	PROD CODE, OEM	,6
FALBRIDGE	PROD CODE, BRIDGE BOARD	,6
FALPASMP	PROD CODE, PASSIVE MIDPLANE	,6
FALSASMP	PROD CODE, SAS- RAID MIDPLANE	,6
FSR1550SAS	PROD CODE, BACKPLANE SPARE KIT	,6
SR1550	PROD CODE, KDK	,6

SR1550AL	PROD CODE, SYSTEM, PASSIVE	,6
SR1550ALSAS	PROD CODE, SYSTEM, ACTIVE	,6
AXXDVDR0M	PROD CODE, DVD- ROM READS DVD AND CD	None
BB5000XAL	PROD CODE, S5000XAL, GC, OEM	None
FSR1550PDB	PROD CODE,PDB SPARE KIT	None
FSR1550PKG	PROD CODE, SPARE SHIPPING BOX	None
AXXMINIDIMM	PROD CODE, SAS RAID MINIDIMM	None
SR1550ALNA	PROD CODE, SYSTEM, PASSIVE, NA	6
SR1550ALSASNA	PROD CODE, SYSTEM, ACTIVE, NA	,6

\* RoHS Exemption # corresponds with exemption #'s found on page 1.