



## Material Declaration Data Sheet

Model: Server Chassis SBCE

Manufacturer: Intel Corporation

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

Lead Free (Pb) Product: No

Revision Date: 06/12/2006

### 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.

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## Product Code Information

Product Code	Description	*RoHS Exemption #
ABCEBDCD	CD Interposer(Carbon)	6
ABCEBDCIR	Rear Customer Interface Bd (Mix)	6
SBCEBDKIT	Front Panel Spare Board Kit (Mae West)	6
SBCEBLWR	Blower & Damper	None
SBCECBLKIT	Bladecenter Cable Kit	None
SBCEMIDP	Bladecenter (Chapstick) w/ Insulator	6
ABCR320PAK24	BSE U320 Hard Drive Carrier-(24-PACK) Includes Phillips Sc	6
SBCEMUFF	Acoustic Muffler	None
SBCERACK	Rack Mount Kit	None
ABCEPSU20	Power Supply 2000 W	1,2,3,4,5,6,7,11
SBCEDVD	DVD drive spare	
SBCE	Seatac System	1,2,3,4,5,6,7,11
SD42357	Management Module 2, S-Code for factory	6

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