



HCS Newsletter

No. 55, Dated Tuesday, 21 March, 2006

HCS Products Compliance to the European Union Directive 2002/95/EC (RoHS)

As of 1 May 2006 all HCS Products will fully comply with EU-Directive 2002/95/EC (RoHS).

1. Background

This statement is based on the following EU Directives:

1.1. EU-Directive 2002/95:

Restriction of use of hazardous substances in electrical equipment,(RoHS) to become effective as of 1 July 2006.

1.2. Unofficial note of the Technical Adaptation Committee on the WEEE and RoHS Directives dated 16 March 2005 - Draft Decision establishing the RoHS Directive maximum concentration values (MCV).

At the date of publication, the following MCV were proposed:

Lead: 0.1% = 1000 ppm

Cadmium 0.01% = 100 ppm

Mercury 0.1% = 1000 ppm

Chromium VI 0.1% = 1000 ppm

PBB 0.1% = 1000 ppm

PBDE 0.1% = 1000 ppm

HCS monitors closely the relevant EU publications and in case of need updated statements will be issued.

1.3. EU-Directive 2002/96:

Waste electrical and electronic equipment, WEEE, effective as of 13 August 2005, concerning financing collection, treatment & recycling of waste.

2. Scope

This statement relates to HCS Products, as detailed in Annex A.

3. Compliance statement

None of the hazardous substances as stated in the relevant EU-Guidelines are intentionally added to HCS Products during the manufacturing process.

The concentrations of the hazardous substances as stated in the relevant EU-Guidelines found in the components and raw materials used to manufacture HCS Products are well below the MCV allowed, as detailed in Annex B.

Therefore, HCS - HES Cabling Systems Products are in full compliance to the European Union Directive 2002/95/EC (RoHS).

4. Marking

As of 1 May 2006 all HCS Products shall be identified with the following label:

This Product Conforms to
EU Directive 2002/95/EC (RoHS)

Sincerely,

Ergün Rıza AKAN
Asst. General Manager

HCS – HES Cabling Systems

HQ: Bankalar Caddesi Ekas Han No. 75-77 8000 Karakoy Istanbul, Turkey.

Phone: +90-212-2565630 Fax: +90-212-2565446

PLANT: Erciyes Mahallesi Hes Caddesi No:22 38210 Kayseri, Turkey

Phone: +90-352-442 25 40 Fax: +90-352-442 28 00

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Annex A: HCS Products

HCS P/N Group	Product Group
F, H, Z	DataLink Copper Cables
P	DataLink Copper Patch Panels
T	DataLink Copper Modular Cords
J	DataLink Copper Connectors
W	DataLink Copper Outlets
D, E, G, L, M, N, Q, R, S, U, X, Y	DataLight Fiber Optic Cables
P	DataLight Fiber Optic Patch Panels
T	DataLight Fiber Optic Modular Cords and Pigtails
V	DataLight Fiber Optic Connectors & Couplers
B, C, K	DataLink & DataLight Cabinets, Tools, Kits and Accessories

Annex B: MCV in material of construction & components of HCS Products

No.	Type
1	Bare copper, steel wires, tin-coated copper wires, metal contacts & IDC
2	Plastic jack & plug housing, accessories, frames, couplers, adapters, faceplates, tools, boxes
3	Terminated modular cords & pigtails
4	Solid PE insulation, cellular PE insulation, PA & PET tight buffer, Polycarbonate, ABS.
5	PET, PP AL/PET & Steel Tapes
6	Optical fibres, optical connectors, optical couplers
7	Painted & bare metal parts, housing, shields, covers.
8	PVC Jacketing compound, boots, moulding parts, PCB.
9	LSOH Jacketing compound, PE color concentrate
10	Painted & bare metal frames, cabinets, modular units, racks.
11	PVC color concentrate
12	Lubricants, processing aids & inks

Substance	EU Max. ppm	Maximum concentrations in Components & raw material types - ppm											
		1	2	3	4	5	6	7	8	9	10	11	12
Lead	1000	BDL	BDL	50	BDL	BDL	BDL	BDL	50	BDL	BDL	50	BDL
Cadmium	100	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Mercury	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chromium VI	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PBB	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
PBDE	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below detection level

Notes:

B.1. The only hazardous material found in some HCS Products is lead. The highest concentration of lead found in any HCS product is 50ppm. All other materials are in concentrations below the detection level.

B.2. A detailed CoC for specific products, indicating the exact concentrations of all hazardous materials is available upon request.

B.3. The information contained in this document is mainly based on information provided by HCS suppliers of raw materials and components, and is believed to be accurate and correct

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Phone: +90-352-442 25 40 Fax: +90-352-442 28 00

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