



## Restricted Substances Warranty

No.	SN-技-F-06-A-0115	
Prepared	Checked	Approval
Li Wei	Srphanzhou	K.Kinoshita
Date: 2006-6-27	Rev4.0	

To: SVA-NEC Customers

SVA-NEC hereby warrants that the products SVA150XG04TB and Packing materials to be shipped to your company are in compliance with *European RoHS Directive*, do not contain **6 items** of Substances designated by *European RoHS Directive* or contain them less than the "Thresholds in Law" (No.1~6 on Table 1).

(Table 1) Restricted Chemical Substances:

No	Restricted Substances	Threshold In Law
1	Cadmium and its Compounds (resin, paint, ink)*1	75ppm
	Cadmium and its Compounds*2	100ppm
2	Hexavalent Chromium Compounds	1000ppm
3	Lead and its Compounds (Wiring only)*3	300ppm
	Lead and its Compounds	1000ppm
4	Mercury and its Compounds	1000ppm
1~4	Lead, Cadmium, Mercury, Hexavalent Chromium (package and wrapping only)*4	Total 100ppm
5	Polybrominated Biphenyls (PBBs)	1000ppm
6	Polybrominated Diphenyl ethers (PBDEs)	1000ppm

\*1: "75ppm in Law" shall be applied just in resin, paint or ink.

\*2: The content of cadmium in brass shall be 100ppm or less. The Cadmium Plating is all prohibited.

\*3: "300ppm in Law" shall be applied just in Wiring and Cable.

\*4: The total amount of lead, cadmium, mercury and the hexavalent chromium shall be less than "100ppm in Law" in the packaging or wrapping materials for the Products.

Appendix 1: Materials List of SVA150XG04TB LCD Module.

Appendix 2: Datasheet of RoHS.



Appendix 1: Materials List of SVA150XG04TB LCD Module

Materials	Suppliers
Color Filter	DNP, TPN, S.SINTEK
TCP	NEC, Epson, Himax
Glass Substrate	NEG, Corning, AGC
Polarizer	Nitto, LG
Liquid Crystal	Chisso
ACF	Hitachi Chemicals Sony Chemicals
Distribution Film	JSR
Inside Spacer	Sekisui
Outside Spacer	Nitto
Ag Pillor	Daizo
Seal Materials	Kyoritsu Chemical
Shield Front	Allied, SHIN-EI, Taihui
Back Light Unit	Coretronics, G.D.T
PWB	FDK, Sumikin
Barrier	Cosmo, Jinfu
INK	Nitto Denko, RICOH
Label	Nitto Denko, Tianfu
Screw	Dow Corning, Superior Fastening LuSheng
Silicon Resin	Dow Corning
Packaging Materials	MingJie ChangDai Boxing ShengBo



上海广电 NEC 液晶显示器有限公司  
Shanghai SVA-NEC Liquid Crystal Display Co., LTD.

Appendix 2: Datasheet of RoHS

Product type: SVA150XG04TB

Product name	Name of Parts raw materials subsidiary materials	Suppliers	Cd (ppm) (※1)	SGS or ITS Test Report No.	Pb (ppm)	SGS or ITS Test Report No.	Cr <sup>6+</sup> (ppm)	SGS or ITS Test Report No.	Hg (ppm)	SGS or ITS Test Report No.	PBB/PBDE (ppm)	SGS or ITS Test Report No.	
LCD Module	Color Filter	DNP	N.D. ※2	CE/2006/50354	N.D.	CE/2006/50354	N.D.	CE/2006/50354	N.D.	CE/2006/50354	N.D.	CE/2006/50354	
		TPN	N.D.	CE/2006/80293	N.D.	CE/2006/80293	N.D.	CE/2006/80293	N.D.	CE/2006/80293	N.D.	CE/2006/80293	
		S.Sintek	N.D.	In preparing	N.D.	In preparing	N.D.	In preparing	N.D.	In preparing	N.D.	In preparing	
	TCP	NEC	N.D.	N.D.	CE/2005/91989	N.D.	CE/2005/91989	N.D.	CE/2005/91989	N.D.	CE/2005/91989	N.D.	CE/2005/91989
		EPSON	N.D.	N.D.	JP/2005/020791	N.D.	JP/2005/020791	N.D.	JP/2005/020791	N.D.	JP/2005/020791	N.D.	JP/2005/020791
		Himax	N.D.	N.D.	KA/2005/90569	N.D.	KA/2005/90569	N.D.	KA/2005/90569	N.D.	KA/2005/90569	N.D.	KA/2005/90569
	Glass Substrate	NEG	N.D.	N.D.	CE/2005/31783	N.D.	CE/2005/31783	N.D.	CE/2005/31783	N.D.	CE/2005/31783	N.D.	CE/2005/31783
		Gorning	N.D.	N.D.	JP/2005/080081	N.D.	JP/2005/080081	N.D.	JP/2005/080081	N.D.	JP/2005/080081	N.D.	JP/2005/080081
		AGC	N.D.	N.D.	CE/2006/38754B	N.D.	CE/2006/38754B	N.D.	CE/2006/38754B	N.D.	CE/2006/38754B	N.D.	CE/2006/38754B
	Liquid Crystal	Chisso	N.D.	N.D.	JP/2005/061428	N.D.	JP/2005/061428	N.D.	JP/2005/061428	N.D.	JP/2005/061428	N.D.	JP/2005/061428
		Hitachi Chemical	N.D.	N.D.	JP/2006/010110	N.D.	JP/2006/010110	N.D.	JP/2006/010110	N.D.	JP/2006/010110	N.D.	JP/2006/010110
		Sony Chemical	N.D.	N.D.	CE/2004/62133A	N.D.	CE/2004/62133A	N.D.	CE/2004/62133A	N.D.	CE/2004/62133A	N.D.	CE/2004/62133A
	Inside Spacer	Sekisui	N.D.	N.D.	CE/2005/B3211	N.D.	CE/2005/B3211	N.D.	CE/2005/B3211	N.D.	CE/2005/B3211	N.D.	CE/2005/B3211
		Nitto	N.D.	N.D.	JP/2006/020805	N.D.	JP/2006/020805	N.D.	JP/2006/020805	N.D.	JP/2006/020805	N.D.	JP/2006/020805
		Dow Corning	N.D.	N.D.	SH540774	N.D.	SH540774	N.D.	SH540774	N.D.	SH540774	N.D.	SH540774
Screw	Superior Fastening	N.D.	N.D.	SH6006809	N.D.	SH6006809	N.D.	SH6006809	N.D.	SH6006809	N.D.	SH6006809	
	LuSheng	N.D.	N.D.	SH585775	N.D.	SH585775	N.D.	SH585775	N.D.	SH585775	N.D.	SH585775	
	COSMO	N.D.	N.D.	JP/2005/070592	N.D.	JP/2005/070592	N.D.	JP/2005/070592	N.D.	JP/2005/070592	N.D.	JP/2005/070592	
Barrier	Jinfu	N.D.	N.D.	CE/2005/95657	N.D.	CE/2005/95657	N.D.	CE/2005/95657	N.D.	CE/2005/95657	N.D.	CE/2005/95657	
	Nitto	N.D.	N.D.	SH6018612	N.D.	SH6018612	N.D.	SH6018612	N.D.	SH6018612	N.D.	SH6018612	
	LG	N.D.	N.D.	G-49/2005-1591/3	N.D.	G-49/2005-1591/3	N.D.	G-49/2005-1591/3	N.D.	G-49/2005-1591/3	N.D.	G-49/2005-1591/3	
Distribution Film	JSR	N.D.	N.D.	JP/2006/030540	N.D.	JP/2006/030540	N.D.	JP/2006/030540	N.D.	JP/2006/030540	N.D.	JP/2006/030540	
	DAIZO	N.D.	N.D.	SH546949	N.D.	SH546949	N.D.	SH546949	N.D.	SH546949	N.D.	SH546949	
	Dow Corning	N.D.	N.D.	SH6021491	N.D.	SH6021491	N.D.	SH6021491	N.D.	SH6021491	N.D.	SH6021491	
Silicon Resin	Kyoritsu	N.D.	N.D.	JP/2005/050207	N.D.	JP/2005/050207	N.D.	JP/2005/050207	N.D.	JP/2005/050207	N.D.	JP/2005/050207	
	Allied	N.D.	N.D.	SH537301	N.D.	SH537301	N.D.	SH537301	N.D.	SH537301	N.D.	SH537301	
	Shin-Ei	N.D.	N.D.	SH588377	N.D.	SH588377	N.D.	SH588377	N.D.	SH588377	N.D.	SH588377	
PWB	Taihu	N.D.	N.D.	SH569590	N.D.	SH569590	N.D.	SH569590	N.D.	SH569590	N.D.	SH569590	
	FDK	N.D.	N.D.	STH0540221	62	STH0540221	N.D.	STH0540221	N.D.	STH0540221	N.D.	STH0540221	
	Sumikin	N.D.	N.D.	CE/2005/70372	N.D.	CE/2005/70372	N.D.	CE/2005/70372	N.D.	CE/2005/70372	N.D.	CE/2005/70372	
B/L Unit	Coretronics	N.D.	N.D.	CE/2005/70372	24.3	CE/2005/70372	N.D.	CE/2005/70372	max 2.5mg/lam	CE/2005/70372	N.D.	CE/2005/70372	
	G.D.I	N.D.	N.D.	STH0629646	69.9	STH0629646	N.D.	STH0629646	max 2.5mg/lam	STH0629646	N.D.	STH0629646	
	Nitto	N.D.	N.D.	SH6035693	N.D.	SH6035693	N.D.	SH6035693	N.D.	SH6035693	N.D.	SH6035693	
INK	RICOH	N.D.	N.D.	SH589673	N.D.	SH589673	N.D.	SH589673	N.D.	SH589673	N.D.	SH589673	
	Nitto	N.D.	N.D.	SH6035692	N.D.	SH6035692	N.D.	SH6035692	N.D.	SH6035692	N.D.	SH6035692	
	Tianfu	N.D.	N.D.	SH441294-1	N.D.	SH441294-1	N.D.	SH441294-1	N.D.	SH441294-1	N.D.	SH441294-1	
Packaging Materials	ShengBo	N.D.	N.D.	In preparing	N.D.	In preparing	N.D.	In preparing	N.D.	In preparing	N.D.	In preparing	
	ChangDat Boxing	N.D.	N.D.	In preparing	N.D.	In preparing	N.D.	In preparing	N.D.	In preparing	N.D.	In preparing	
	Mingjie	N.D.	N.D.	CE/2005/70364	N.D.	CE/2005/70364	N.D.	CE/2005/70364	N.D.	CE/2005/70364	N.D.	CE/2005/70364	

Note: The above data were supplied by suppliers. The related contracts and datasheets of suppliers can't be provided to customers.

※1: ppm=mg/kg  
※2: N.D.=Not Detected