

Supplier Certificate Banned and Reportable Substances Disclosure

Section 1: General Information

Company Name	Kinsus Interconnect Technology Corp.
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Section 2: Material or Product Information

Material or Product Name and Description	LGAB Substrate
Supplier Part Number	H04-XXX (Material is limited to HL832 HS. TF. NX-A; SM is limited to AUS303, AUS308)
Hana Part Number	LGAB Substrate

Section 3: Banned and Reportable Substance Disclosure

Substances	Hana Category	Reporting Threshold	Results		Remark
			Pass (Compliance)	Fail (Not Compliance)	
Cadmium (Cd) and its compounds	Banned	5 ppm	V		
Chromium VI (Cr ⁵⁺) and its compounds	Banned	100 ppm	V		
Lead (Pb) and its compounds	Banned	100 ppm	V		
Mercury (Hg) and its compounds	Banned	100 ppm	V		
Polybrominated Biphenyls (PBBs) and its derivatives	Banned	100 ppm	V		
Polybrominated Biphenyl Ethers (PBBEs) and its derivatives	Banned	100 ppm	V		
Polychlorinated Biphenyls (PCB)	Reportable	0 ppm/ Non-intentionally Added	V		
Polychlorinated Naphthalenes (PCN)	Reportable	0 ppm/ Non-intentionally Added	V		
Polychlorinated Terphenyls (PCT)	Reportable	0 ppm/ Non-intentionally Added	V		


Substances	Hana Category	Reporting Threshold	Results		Remark
			Pass (Compliance)	Fail (Not Compliance)	
Chlorinated Paraffin (CP)	Reportable	0 ppm/ Non-intentionally Added	V		
Tributyltin (TBT)/Tributyltin Compounds	Reportable	0 ppm/ Non-intentionally Added	V		
Triphenyltin (TPT)/Triphenyltin Compounds	Reportable	0 ppm/ Non-intentionally Added	V		
Asbestos	Reportable	0 ppm/ Non-intentionally Added	V		
Specific Azo Compounds	Reportable	0 ppm/ Non-intentionally Added	V		
Formaldehyde	Reportable	0 ppm/ Non-intentionally Added	V		
Polyvinyl Chloride (PVC) and PVC Blends	Reportable	0 ppm/ Non-intentionally Added	V		
Ozone Depleting Substances - CFCs/Isomers - HBFCs/Isomers - HCFCs/Isomers - Carbon tetrachloride	Reportable	Non-intentionally Added	V		
Radioactive Substances	Reportable	Non-intentionally Added	V		
Antimony/Antimony Compound	Reportable	0 ppm/ Non-intentionally	V		
Arsenic/Arsenic Compound	Reportable	0 ppm/ Non-intentionally		V	Copper Feil May have minor Arsenic.
Beryllium/Beryllium Compound	Reportable	0 ppm/ Non-intentionally	V		
Bismuth/Bismuth Compound	Reportable	0 ppm/ Non-intentionally	V		
Phthalates	Reportable	0 ppm/ Non-intentionally	V		
Selenium/Selenium Compounds	Reportable	0 ppm/ Non-intentionally	V		
Brominated Flame Retardants (other than PBBs or PBDEs)	Reportable	0 ppm/ Non-intentionally		V	Only "Halogen Free Material" can meet this requirement.

base material: NX, NX-A, NB
Ink: Bus 308, Bus 703.

Section 4: Certification

The undersigned hereby certifies that he/she is an employee of the company in Section 1 above who has the authority to sign for the company. Furthermore, the undersigned certifies that the material or product listed in Section 2 above complies with Hana specifications PFA021 and that all information provided is true and correct to the best of that company's knowledge and belief.

Signature



Name

Eddie Lin

Title

QA Director

Date

2007/12/25

Note

1. Instructions for completing this form are found in - Spec#PFA021 Hazardous Substance controlled Procedure, item 7.2: Supplier's Responsibilities.

Supplier's responsibilities

1. Direct and packing materials and products are supplied to Hana shall comply with all applicable Hana regulations.
 2. Suppliers shall certify compliance with this specification by:
 - Completing and returning Supplier Certification/Banned and Reportable Substances Appendix III of this specification.
 - Signing of the Supplier Certification/Banned and Reportable Substances Disclosure by an employee of the supplier who has the authority to sign for the company.
 - Providing hazardous substances test reports which issued by accredited laboratory.
 3. Compliance of direct and packing materials with this specification shall be certified:
 - Upon initial qualification
 - Upon a notifiable change per applicable material procurement specification
 - Annually
 4. Confirming hazardous substance analytical data for Cadmium (Cd), Lead (Pb), Hexavalent Chromium(Cr6+), Mercury (Hg), Polybrominated Biphenyls (PBBs) and Polybrominated Biphenyl Ethers (PBBEs) shall be submitted with the Supplier Certification/Banned and Reportable Substances Disclosure.
 - Hazardous substances analysis shall be done by third party laboratory using an internationally recognized standard.
 - Analytical data shall be from hazardous analysis done in the same calendar year the data is required by Hana or else analytical data must be less than 1 year since the date of issued.
 - Analytical data shall include
 1. Third party lab report or data sheet in English or accompanied with an English translation.
 2. Name and description of material
 3. Analytical method used
 4. Date of analysis
 5. Signature or name of third party laboratory authorized person.
 5. Up-to-date MSDSs shall be provided for direct and packing materials.
 - Suppliers shall provide MSDSs for all direct materials used in Hana.
 - MSDSs shall be provided upon initial qualification and when MSDSs are revised
 - MSDSs shall be sent to the EHS (Environment Health and Safety) department of Hana.
 6. Suppliers shall have a system in place to prevent the purchase, use and shipment of hazardous substances.
2. HANA Category :
- Banned Substances – Substance subject to:
 1. Currently enacted legislation, which prohibits or restricts its use or sale, requires reporting, or subjects it to other regulatory requirements, or
 2. Hana Semiconductor (AYT) Co., Ltd. prohibitions or restrictions.
 - Reportable Substances – Substances are not currently banned or controlled for use but a ban or voluntary phase-out is likely or they have an impact on the end-of-life management of the finished product.