



Test Report


BEST DIAMOND INDUSTRIAL CO., LTD.
NO.29, LANE 46, CHUNG HSING RD., SEC.1, WU KU
HSIANG, TAIPEI HSIEN, TAIWAN

Report No. : CE/2006/63014
Date : 2006/06/16
Page : 1 of 4

The following merchandise was (were) submitted and identified by the client as :

Type of Product : ELECTROPLATED DIAMOND & CBN TOOLS
Manufacturer/Vendor : BEST DIAMOND INDUSTRIAL CO., LTD.
Country of Origin : TAIWAN
TEL : 02-2981-3436
Sample Received : 2006/06/09
Testing Date : 2006/06/09 TO 2006/06/16

=====
Conclusion : The test results of Pb, Cd, Hg, Cr+6, PBB and PBDE for the submitted sample comply with the requirements of RoHS (2002/95/EC).


Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

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TW 3413040



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Test Result

PART NAME NO.1 : SILVER COLORED METAL

PASS

Test Item (s):	Unit	Method	MDL	Result	Limit of ROHS
				No.1	
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	-
Dibromobiphenyl	%		0.0005	N.D.	-
Tribromobiphenyl	%		0.0005	N.D.	-
Tetrabromobiphenyl	%		0.0005	N.D.	-
Pentabromobiphenyl	%		0.0005	N.D.	-
Hexabromobiphenyl	%		0.0005	N.D.	-
Heptabromobiphenyl	%		0.0005	N.D.	-
Octabromobiphenyl	%		0.0005	N.D.	-
Nonabromobiphenyl	%		0.0005	N.D.	-
Decabromobiphenyl	%		0.0005	N.D.	-
Total PBBs (Polybrominated biphenyls)/Sum of above	%		-	N.D.	0.1
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	-
Dibromobiphenyl ether	%		0.0005	N.D.	-
Tribromobiphenyl ether	%		0.0005	N.D.	-
Tetrabromobiphenyl ether	%		0.0005	N.D.	-
Pentabromobiphenyl ether	%		0.0005	N.D.	-
Hexabromobiphenyl ether	%		0.0005	N.D.	-
Heptabromobiphenyl ether	%		0.0005	N.D.	-
Octabromobiphenyl ether	%		0.0005	N.D.	-
Nonabromobiphenyl ether	%		0.0005	N.D.	-
Decabromobiphenyl ether	%		0.0005	N.D.	-
Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above	%		-	N.D.	-
Total of Mono to Nona-brominated biphenyl ether. (Note 5)	%	-	N.D.	0.1	

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TW 3413041



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PASS

Test Item (s):	Unit	Method	MDL	Result	Limit of ROHS
				No.1	
Chromium VI (Cr+6)	ppm	UV-VIS(US EPA 7196A) after reference to US EPA 3060A.	2	N.D.	1000
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.	100
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.	1000
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	12.3	1000

- NOTE: (1) N.D. = Not detected (<MDL)
 (2) ppm = mg/kg
 (3) MDL = Method Detection Limit
 (4) " - " = Not Regulation
 (5) Decabromodiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under document 2005/717/EC.
 (6) PBBEs=PBDEs=Polybrominated Diphenyl Ethers=PBDOs=PBBOs.

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TW 3413043



BEST DIAMOND INDUSTRIAL CO., LTD.

NO.29, LANE 46, CHUNG HSING RD., SEC.1 WU KU HSIANG, TAIPEI HSIEN, TAIWAN, R.O.C.

TEL: +886 (2) 2981-3436 FAX: +886 (2) 2985-0442 E-MAIL: bestdia@ms24.hinet.net

SAFETY INSTRUCTION FOR THE MATERIAL

- ◆ **Producer:** BEST DIAMOND INDUSTRIAL CO., LTD.
No. 35, Lane 46, Chung Hsing Rd., Sec. 1,
Wu Ku Hsiang, Taipei Hsien, Taiwan, R.O.C.
Tel: (02) 2981-3436 Fax: (02) 2985-0442

- ◆ **Product:** Electroplated Diamond /CBN Tools
~ *Diamond Files* · *Diamond Point* · *CBN Point...etc.*

- ◆ **Containment:** Medium Carbon Steel · Diamond Powder · Borazon Powder · Nickel · Cobalt · Stannic

- ◆ **Analysis for Containment:**
 - **Blank:** Medium Carbon Steel (Including : Fe, C, Si, Mn, P, S, Cr, W)
 - **Main material for Diamond:** Carbon (C)
for Borazon: Cubic Boron Nitride (CBN)
 - **The coating element for abrasive :** Nickel (Ni)
 - **The element for surface:** Nickel or Stannous – Cobalt Alloy

- ◆ **Conclusion**

After analysis the material of product as per WEEE ROHS, we are pleased to inform you that our product has no any impermissible element in our products. Therefore, please do not hesitate to use/sell our products. (Impermissible element in clause EC9S: Hg, Pd, Cd, Cr6+, Pb, Pbbe)

Best Diamond Industrial Co., Ltd.

Managing director / Gary Liang

