



TEST REPORT

NUMBER: SZHH00449899

APPLICANT: DONG GUAN WAH HING PAINTS CO LTD
GUANGDONG PROVINCE DONGGUAN
CITY CHANG'AN TOWN XIAGANG
POST SECOND INDUSTRIAL PARTS

DATE: Jan 04, 2010

ATTN: MR. LI

SAMPLE DESCRIPTION:

- ELEVEN (11) SUBMITTED PAINT SAMPLES STATED TO BE USED FOR PLASTIC:
- (1) 000 TRANSPARENT LACQUER.
 - (2) 102 WHITE COLOR.
 - (3) 203 YELLOW COLOR.
 - (4) 305 RED COLOR.
 - (5) 408 BLUE COLOR.
 - (6) 501 BLACK COLOR.
 - (7) 601 GREEN COLOR.
 - (8) 805 PINK COLOR.
 - (9) 800 SILVER COLOR.
 - (10) 900 GOLD COLOR.
 - (11) 600 PEARL COLOR.

TESTS CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)

AUTHORIZED BY:
FOR INTERTEK TESTING SERVICES
SHENZHEN LTD.



KARBON M. Y. WU
GENERAL MANAGER



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TESTS CONDUCTED

ROHS CHEMICAL TEST

(A) TEST RESULT SUMMARY:

TESTING ITEM	RESULT			
	(1)	(2)	(3)	(4)
CADMIUM (Cd) CONTENT (ppm)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
LEAD (Pb) CONTENT (ppm)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
MERCURY (Hg) CONTENT (ppm)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
CHROMIUM (VI) (Cr ⁶⁺) CONTENT (ppm)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
POLYBROMINATED BIIPHENYLS (PBBS) (ppm)				
MONOBROMOBIPHENYL (MonoBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
DIBROMOBIPHENYL (DiBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
TRIBROMOBIPHENYL (TriBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
TETRABROMOBIPHENYL (TetraBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
PENTABROMOBIPHENYL (PentaBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
HEXABROMOBIPHENYL (HexaBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
HEPTABROMOBIPHENYL (HeptaBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
OCTABROMOBIPHENYL (OctaBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
NONABROMOBIPHENYL (NonaBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
DECABROMOBIPHENYL (DecaBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
POLYBROMINATED DIPHENYL ETHERS (PBDES) (ppm)				
MONOBROMODIPHENYL ETHER (MonoBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
DIBROMODIPHENYL ETHER (DiBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
TRIBROMODIPHENYL ETHER (TriBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
TETRABROMODIPHENYL ETHER (TetraBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
PENTABROMODIPHENYL ETHER (PentaBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
HEXABROMODIPHENYL ETHER (HexaBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
HEPTABROMODIPHENYL ETHER (HeptaBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
OCTABROMODIPHENYL ETHER (OctaBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
NONABROMODIPHENYL ETHER (NonaBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
DECABROMODIPHENYL ETHER (DecaBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)



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TESTING ITEM	RESULT			
	(5)	(6)	(7)	(8)
CADMIUM (Cd) CONTENT (ppm)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
LEAD (Pb) CONTENT (ppm)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
MERCURY (Hg) CONTENT (ppm)	ND (<2)	ND (<2)	ND (<2)	ND (<2)
CHROMIUM (VI) (Cr ⁶⁺) CONTENT (ppm)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
POLYBROMINATED BIPHENYLS (PBBs) (ppm)				
MONOBROMOBIPHENYL (MonoBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
DIBROMOBIPHENYL (DiBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
TRIBROMOBIPHENYL (TriBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
TETRABROMOBIPHENYL (TetraBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
PENTABROMOBIPHENYL (PentaBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
HEXABROMOBIPHENYL (HexaBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
HEPTABROMOBIPHENYL (HeptaBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
OCTABROMOBIPHENYL (OctaBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
NONABROMOBIPHENYL (NonaBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
DECABROMOBIPHENYL (DecaBB)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
POLYBROMINATED DIPHENYL ETHERS (PBDEs) (ppm)				
MONOBROMODIPHENYL ETHER (MonoBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
DIBROMODIPHENYL ETHER (DiBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
TRIBROMODIPHENYL ETHER (TriBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
TETRABROMODIPHENYL ETHER (TetraBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
PENTABROMODIPHENYL ETHER (PentaBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
HEXABROMODIPHENYL ETHER (HexaBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
HEPTABROMODIPHENYL ETHER (HeptaBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
OCTABROMODIPHENYL ETHER (OctaBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
NONABROMODIPHENYL ETHER (NonaBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
DECABROMODIPHENYL ETHER (DecaBDE)	ND (<5)	ND (<5)	ND (<5)	ND (<5)



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TESTING ITEM	RESULT		
	(9)	(10)	(11)
CADMIUM (Cd) CONTENT (ppm)	ND (<2)	ND (<2)	ND (<2)
LEAD (Pb) CONTENT (ppm)	ND (<2)	7	8
MERCURY (Hg) CONTENT (ppm)	ND (<2)	ND (<2)	ND (<2)
CHROMIUM (VI) (Cr ⁶⁺) CONTENT (ppm)	ND (<1)	ND (<1)	ND (<1)
POLYBROMINATED BIPHENYLS (PBBs) (ppm)			
MONOBROMOBIPHENYL (MonoBB)	ND (<5)	ND (<5)	ND (<5)
DIBROMOBIPHENYL (DiBB)	ND (<5)	ND (<5)	ND (<5)
TRIBROMOBIPHENYL (TriBB)	ND (<5)	ND (<5)	ND (<5)
TETRABROMOBIPHENYL (TetraBB)	ND (<5)	ND (<5)	ND (<5)
PENTABROMOBIPHENYL (PentaBB)	ND (<5)	ND (<5)	ND (<5)
HEXABROMOBIPHENYL (HexaBB)	ND (<5)	ND (<5)	ND (<5)
HEPTABROMOBIPHENYL (HeptaBB)	ND (<5)	ND (<5)	ND (<5)
OCTABROMOBIPHENYL (OctaBB)	ND (<5)	ND (<5)	ND (<5)
NONABROMOBIPHENYL (NonaBB)	ND (<5)	ND (<5)	ND (<5)
DECABROMOBIPHENYL (DecaBB)	ND (<5)	ND (<5)	ND (<5)
POLYBROMINATED DIPHENYL ETHERS (PBDEs) (ppm)			
MONOBROMODIPHENYL ETHER (MonoBDE)	ND (<5)	ND (<5)	ND (<5)
DIBROMODIPHENYL ETHER (DiBDE)	ND (<5)	ND (<5)	ND (<5)
TRIBROMODIPHENYL ETHER (TriBDE)	ND (<5)	ND (<5)	ND (<5)
TETRABROMODIPHENYL ETHER (TetraBDE)	ND (<5)	ND (<5)	ND (<5)
PENTABROMODIPHENYL ETHER (PentaBDE)	ND (<5)	ND (<5)	ND (<5)
HEXABROMODIPHENYL ETHER (HexaBDE)	ND (<5)	ND (<5)	ND (<5)
HEPTABROMODIPHENYL ETHER (HeptaBDE)	ND (<5)	ND (<5)	ND (<5)
OCTABROMODIPHENYL ETHER (OctaBDE)	ND (<5)	ND (<5)	ND (<5)
NONABROMODIPHENYL ETHER (NonabBDE)	ND (<5)	ND (<5)	ND (<5)
DECABROMODIPHENYL ETHER (DecaBDE)	ND (<5)	ND (<5)	ND (<5)

CHEMIST: LV LINNA

ppm = PARTS PER MILLION BASED ON DRY WEIGHT OF SAMPLE

< = LESS THAN

ND = NOT DETECTED



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(B) ROHS REQUIREMENT:

RESTRICTED SUBSTANCES	LIMITS
CADMIUM (Cd)	0.01% (100 ppm)
LEAD (Pb)	0.1% (1000 ppm)
MERCURY (Hg)	0.1% (1000 ppm)
CHROMIUM (VI) (Cr ⁶⁺)	0.1% (1000 ppm)
POLYBROMINATED BIPHENYLS (PBBs)	0.1% (1000 ppm)
POLYBROMINATED DIPHENYL ETHERS (PBDEs)	0.1% (1000 ppm)

THE ABOVE LIMITS WERE QUOTED FROM 2002/95/EC AND AMENDMENT 2005/618/EC FOR HOMOGENEOUS MATERIAL.

(C) TEST METHOD:

TESTING ITEM	TESTING METHOD	REPORTING LIMIT
CADMIUM (Cd) CONTENT	WITH REFERENCE TO BS EN1122 / US EPA 3050B / US EPA3052, BY ACID DIGESTION AND DETERMINED BY ICP - OES	2 ppm
LEAD (Pb) CONTENT	WITH REFERENCE TO US EPA 3050B / US EPA 3052, BY ACID DIGESTION AND DETERMINED BY ICP - OES	2 ppm
MERCURY (Hg) CONTENT	WITH REFERENCE TO US EPA 3052, BY ACID DIGESTION AND DETERMINED BY ICP - OES	2 ppm
CHROMIUM (VI) (Cr ⁶⁺) CONTENT	WITH REFERENCE TO US EPA 3060A & 7196A, BY ALKALINE DIGESTION AND DETERMINED BY UV-VIS SPECTROPHOTOMETER	1 ppm
POLYBROMINATED BIPHENYLS (PBBs) & POLYBROMINATED DIPHENYL ETHERS (PBDEs)	WITH REFERENCE TO US EPA 3540C, BY SOLVENT EXTRACTION AND DETERMINED BY GC/MS AND FURTHER HPLC CONFIRMATION WHEN NECESSARY	5 ppm

DATE SAMPLE RECEIVED : DEC 23, 2009
TESTING PERIOD : DEC 23, 2009 TO DEC 26, 2009

END OF REPORT