TEST REPORT NUMBER: SZHH00466059

APPLICANT: PT.INDAH KIAT PULP&PAPER TBK. DATE: Mar 18, 2010
JI.RAYA SERANG KM.76,KRAGILAN,KAB.
SERANG 42184,BANTEN-INDONESIA

ATTN: RUDI HERYADI SUKARSA

SAMPLE DESCRIPTION:
TEN (10) PIECES OF SUBMITTED SAMPLE SAID TO BE **WHITE PAPER CARD**.
ITEM NAME : **SIANRBOARD.**
BUYER : MATTEL.

****

TESTS CONDUCTED:
AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)
****

TO BE CONTINUED

AUTHORIZED BY:
FOR INTERTEK TESTING SERVICES
SHENZHEN LTD.

KARBON M.Y. WU
GENERAL MANAGER

Intertek Testing Services Shenzhen Ltd.-TFH Division
7/F., ShekouTechnology Main Building, Industrial 7th Road,Shekou,Shenzhen, China
Tel: (86-755) 2602 0111 Fax: (86-755) 2683 7118/9 Postcode: 518067

TEST REPORT NUMBER: SZHH00466059

CONCLUSION:

TESTED SAMPLES	STANDARD-	RESULT
SUBMITTED SAMPLES	MATTEL QSOP NO. 0006-3600 REV. R CLAUSE 2.7 FOR HEAVY ELEMENTS TEST	PASS
	MATTEL QSOP NO. 0006-3610 REV.Y ON PHTHALATE CONTENT	SEE REMARK #
	MATTEL QSOP NO.0006-3618 REV. E "FORMALDEHYDE"	PASS
	MATTEL ENVIRONMENTAL OPERATING PROCEDURE #0006-5000 REV. C FOR HEAVY ELEMENTS TEST	PASS

****

= THE TESTING SCOPE OF THE STANDARD WAS NOT APPLICABLE TO THE TESTED SAMPLE. HOWEVER THE RESULT DID NOT EXCEED THE LIMIT OF THE STANDARD.

****

AUTHORIZED BY:
FOR INTERTEK TESTING SERVICES
SHENZHEN LTD.

KARBON M.Y. WU
GENERAL MANAGER

Intertek Testing Services Shenzhen Ltd.-TFH Division
7/F., ShekouTechnology Main Building, Industrial 7th Road,Shekou,Shenzhen, China
Tel: (86-755) 2602 0111 Fax: (86-755) 2683 7118/9 Postcode: 518067

TEST REPORT NUMBER: SZHH00466059

TESTS CONDUCTED

1 HEAVY ELEMENTS ANALYSIS

AS PER MATTEL QUALITY AND SAFETY OPERATING PROCEDURE NO. 0006-3600 REV. R CLAUSE 2.7, ACID DIGESTION METHOD WAS USED AND HEAVY ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

TOTAL ELEMENTS CONTENT

	RESULT (ppm)	LIMIT (ppm)	
		TOT.	SOLUBLE METHOD 1
TOT. BARIUM (Ba)	<5	--	500
TOT. LEAD (Pb)	<5	200	90
TOT. CADMIUM (Cd)	<5	--	75
TOT. ANTIMONY (Sb)	<5	--	60
TOT. SELENIUM (Se)	<5	--	300
TOT. CHROMIUM (Cr)	<5	--	60
TOT. MERCURY (Hg)	<5	--	60
TOT. ARSENIC (As)	<5	--	25

ppm = PARTS PER MILLION
TOT. = TOTAL
< = LESS THAN

DATE SAMPLE RECEIVED : MAR 11, 2010
TESTING PERIOD : MAR 11, 2010 TO MAR 15, 2010

2 PHTHALATE CONTENT

AS PER MATTEL QUALITY AND SAFETY OPERATING PROCEDURE NO. 0006-3610 REV. Y AND WITH REFERENCE TO CPSC-CH-C1001-09.2, BY GAS CHROMATOGRAPHIC-MASS SPECTROMETRIC (GC-MS) ANALYSIS.

FOR ACCESSIBLE MATERIALS

	RESULT (% (w/w))	MATTEL'S REQUIREMENT (% (w/w))
DIBUTYL PHTHALATE (DBP)	<0.01	
DIETHYL HEXYL PHTHALATE (DEHP)	<0.01	
BENZYLBUTYL PHTHALATE (BBP)	<0.01	
SUM OF THREE PHTHALATES :	<0.01	0.1

	RESULT (% w/w))	MATTEL'S REQUIREMENT (% (w/w))
DI-(ISO-NONYL) PHTHALATE (DINP)	<0.01	
DI-(N-OCTYL) PHTHALATE (DNOP)	<0.01	
DI-ISO-DECYL PHTHALATE (DIDP)	<0.01	
SUM OF THREE PHTHALATES :	<0.01	0.1

	RESULT (% (w/w))	MATTEL'S REQUIREMENT (% (w/w))
DI-N-HEXYL PHTHALATE (DnHP)	<0.01	0.1

****

Intertek Testing Services Shenzhen Ltd.-TFH Division
7/F., ShekouTechnology Main Building, Industrial 7th Road,Shekou,Shenzhen, China
Tel: (86-755) 2602 0111 Fax: (86-755) 2683 7118/9 Postcode: 518067

TEST REPORT NUMBER: SZHH00466059

TESTS CONDUCTED

REMARK : DETECTION LIMIT = 0.01% (w/w)
< = LESS THAN

DATE SAMPLE RECEIVED : MAR 11, 2010
TESTING PERIOD : MAR 11, 2010 TO MAR 15, 2010

3 FREE FORMALDEHYDE CONTENT (PAPER)

AS PER MATTEL QUALITY AND SAFETY OPERATING PROCEDURE NO.0006-3618 REV.E & ISO EN 1541 AND EN 645.

RESULT : 14 ppm

REQUIREMENT : 30 ppm

REMARK : ppm = PARTS PER MILLION = mg/kg

DATE SAMPLE RECEIVED : MAR 11, 2010
TESTING PERIOD : MAR 11, 2010 TO MAR 16, 2010

4 HEAVY ELEMENTS ANALYSIS

AS PER MATTEL ENVIRONMENTAL OPERATING PROCEDURE NO. 0006-5000 REV. C FOR PACKAGING MATERIALS, ACID DIGESTION METHOD WAS USED AND HEAVY ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY, AND HEXAVALENT CHROMIUM CONTENT WAS DETERMINED BY UV-VISIBLE SPECTROPHOTOMETRY.

	RESULT IN ppm	LIMIT ppm
LEAD (Pb)	<5	--
CADMIUM (Cd)	<5	--
MERCURY (Hg)	<5	--
CHROMIUM VI (Cr (VI))	<1	--
TOTAL	<16	100

THE TOTAL SUM OF Pb, Cd, Hg & Cr (VI) IN ENTIRE PACKAGE (NOT INCLUDING CARTON BOX) :

RESULT :

LIMIT : 100 ppm

ppm = PARTS PER MILLION
< = LESS THAN

DATE SAMPLE RECEIVED : MAR 11, 2010
TESTING PERIOD : MAR 11, 2010 TO MAR 15, 2010

****

Intertek Testing Services Shenzhen Ltd.-TFH Division
7/F., ShekouTechnology Main Building, Industrial 7th Road,Shekou,Shenzhen, China
Tel: (86-755) 2602 0111 Fax: (86-755) 2683 7118/9 Postcode: 518067

TEST REPORT NUMBER: SZHH00466059

TESTS CONDUCTED

(I) SVHC SCREENING ANALYSIS:

BY A COMBINATION OF X-RAY FLUORESCENCE SPECTROSCOPY, INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY, GAS CHROMATOGRAPHIC – MASS SPECTROMETRY, HIGH PERFORMANCE LIQUID CHROMATOGRAPHY AND LIQUID CHROMATOGRPHIC – MASS SPECTROMETRY TECHNIQUES.

RESULTS OF 29 SVHC

CHEMICAL SUBSTANCE	RESULT (w/w)
COBALT DICHLORIDE #	<0.02%
DIARSENIC PENTAOXIDE #	<0.02%
DIARSENIC TRIOXIDE #	<0.02%
LEAD HYDROGEN ARSENATE #	<0.02%
TRIETHYL ARSENATE #	<0.02%
SODIUM DICHROMATE #	<0.02%
BIS (TRIBUTYLTIN) OXIDE	<0.02%
ANTHRACENE	<0.02%
4,4-DIAMINODIPHENYLMETHANE	<0.02%
HEXABROMOCYCLODODECANE (HBCDD)	<0.02%
5-TERT-BUTYL-2,4,6-TRINITRO-m-XYLENE (MUSK XYLENE)	<0.02%
BIS (2-ETHYLHEXYL) PHTHALATE (DEHP)	<0.02%
DIBUTYL PHTHALATE (DBP)	<0.02%
BENZYL BUTYL PHTHALATE (BBP)	<0.02%
SHORT CHAIN CHLORINATED PARAFFINS (C_{10-13})	<0.02%
ALUMINOSILICATE, REFRACTORY CERAMIC FIBRES #	<0.02%
ZIRCONIA ALUMINOSILICATE, REFRACTORY CERAMIC FIBRES #	<0.02%
LEAD CHROMATE #	<0.02%
LEAD CHROMATE MOLYBDATE SULFATE RED (C.I. PIGMENT RED 104) #	<0.02%
LEAD SULFOCHROMATE YELLOW (C.I. PIGMENT YELLOW 34) #	<0.02%
TRIS (2-CHLOROETHYL) PHOSPHATE	<0.02%
2,4-DINITROTOLUENE	<0.02%
DIISOBUTYL PHTHALATE (DIBP)	<0.02%
COAL TAR PITCH, HIGH TEMPERATURE	<0.02%
ANTHRACENE OIL	<0.02%
ANTHRACENE OIL, ANTHRACENE PASTE, DISTN. LIGHTS	<0.02%
ANTHRACENE OIL, ANTHRACENE PASTE, ANTHRACENE FRACTION	<0.02%
ANTHRACENE OIL, ANTHRACENE-LOW	<0.02%
ANTHRACENE OIL, ANTHRACENE PASTE	<0.02%

****

Intertek Testing Services Shenzhen Ltd.-TFH Division
7/F., ShekouTechnology Main Building, Industrial 7th Road,Shekou,Shenzhen, China
Tel: (86-755) 2602 0111 Fax: (86-755) 2683 7118/9 Postcode: 518067

TESTS CONDUCTED

REMARKS :
SVHC = SUBSTANCE OF VERY HIGH CONCERN
% = % (w/w)
< = LESS THAN
= THE SUBSTANCE WAS DETERMINED BY ANALYSIS OF SPECIFIC ELEMENT CONTENTS, SUCH AS Co, Cl, As, Pb, Cr(VI), Si, Mo, Zr AND Al.

DATE SAMPLE RECEIVED : MAR 13, 2010
TESTING PERIOD : MAR 13, 2010 TO MAR 16, 2010

(II) LIST OF SVHC:

LIST OF 29 SVHC

CHEMICAL SUBSTANCE	EC NO.	CAS NO.
COBALT DICHLORIDE	231-589-4	7646-79-9
DIARSENIC PENTAOXIDE	215-116-9	1303-28-2
DIARSENIC TRIOXIDE	215-481-4	1327-53-3
LEAD HYDROGEN ARSENATE	232-064-2	7784-40-9
TRIETHYL ARSENATE	427-700-2	15606-95-8
SODIUM DICHROMATE	234-190-3	7789-12-0, 10588-01-9
BIS (TRIBUTYLTIN) OXIDE	200-268-0	56-35-9
ANTHRACENE	204-371-1	120-12-7
4,4-DIAMINODIPHENYLMETHANE	202-974-4	101-77-9
HEXABROMOCYCLODODECANE (HBCDD)	247-148-4	25637-99-4 AND 3194-55-6(134237-51-7, 134237-50-6, 134237-52-8)
5-TERT-BUTYL-2,4,6-TRINITRO-m-XYLENE (MUSK XYLENE)	201-329-4	81-15-2
BIS (2-ETHYLHEXYL) PHTHALATE (DEHP)	204-211-0	117-81-7
DIBUTYL PHTHALATE (DBP)	201-557-4	84-74-2
BENZYL BUTYL PHTHALATE (BBP)	201-622-7	85-68-7

****

Intertek Testing Services Shenzhen Ltd.-TFH Division
7/F., ShekouTechnology Main Building, Industrial 7th Road,Shekou,Shenzhen, China
Tel: (86-755) 2602 0111 Fax: (86-755) 2683 7118/9 Postcode: 518067

TEST REPORT NUMBER: SZHH00466059

TESTS CONDUCTED

CHEMICAL SUBSTANCE	EC NO.	CAS NO.
SHORT CHAIN CHLORINATED PARAFFINS (C_{10-13})	287-476-5	85535-84-8
ALUMINOSILICATE, REFRACTORY CERAMIC FIBRES	(650-017-00-8)	-
ZIRCONIA ALUMINOSILICATE, REFRACTORY CERAMIC FIBRES	(650-017-00-8)	-
LEAD CHROMATE	231-846-0	7758-97-6
LEAD CHROMATE MOLYBDATE SULFATE RED (C.I. PIGMENT RED 104)	235-759-9	12656-85-8
LEAD SULFOCHROMATE YELLOW (C.I. PIGMENT YELLOW 34)	215-693-7	1344-37-2
TRIS (2-CHLOROETHYL) PHOSPHATE	204-118-5	115-96-8
2,4-DINITROTOLUENE	204-450-0	121-14-2
DIISOBUTYL PHTHALATE (DIBP)	201-553-2	84-69-5
COAL TAR PITCH, HIGH TEMPERATURE	266-028-2	65996-93-2
ANTHRACENE OIL	292-602-7	90640-80-5
ANTHRACENE OIL, ANTHRACENE PASTE, DISTN. LIGHTS	295-278-5	91995-17-4
ANTHRACENE OIL, ANTHRACENE PASTE, ANTHRACENE FRACTION	295-275-9	91995-15-2
ANTHRACENE OIL, ANTHRACENE-LOW	292-604-8	90640-82-7
ANTHRACENE OIL, ANTHRACENE PASTE,	292-603-2	90640-81-6

****

Intertek Testing Services Shenzhen Ltd.-TFH Division
7/F., ShekouTechnology Main Building, Industrial 7th Road,Shekou,Shenzhen, China
Tel: (86-755) 2602 0111 Fax: (86-755) 2683 7118/9 Postcode: 518067

TEST REPORT NUMBER: SZHH00466059

TESTS CONDUCTED

REMARKS:

1. SUBSTANCES OF VERY HIGH CONCERN (SVHC) ARE CLASSIFIED AS:
   a. CARCINOGENIC, MUTAGENIC OR TOXIC TO REPRODUCTION CATEGORY 1 (PROVEN ON HUMANS) AND CATEGORY 2 (PROVEN ON ANIMALS)
   b. PERSISTENT, BIOACCUMULATIVE AND TOXIC CHEMICALS (PBT)
   c. VERY PERSISTENT AND VERY BIOACCUMULATIVE CHEMICALS (VPVB)
   d. OTHER SIMILAR SUBSTANCES SUCH AS ENDOCRINE DISRUPTERS
2. IF THE IMPORTED OR MANUFACTURED VOLUME OF EACH INDIVIDUAL SVHC IN ARTICLE IS MORE THAN 0.1% (w/w) AND IF IT EXCEEDS 1 TONNE PER YEAR ACROSS ALL PRODUCT RANGES, THEN IMPORTER OR MANUFACTURER REQUIRE NOTIFICATION TO THE EUROPEAN CHEMICAL AGENCY (ECHA). NOTIFICATION SHOULD BE DONE BY JUNE 2011, WHICH IS 4 YEARS AFTER REACH HAS BEEN IMPLEMENTED. FOLLOWING INFORMATION HAS TO BE SUBMITTED FOR NOTIFICATION:
   a. IDENTIFICATION OF THE REGISTRANT AND THE SUBSTANCE
   b. CLASSIFICATION AND LABELLING OF THE SUBSTANCE
   c. DESCRIPTION OF USE OF THE SUBSTANCE AND THE ARTICLE
   d. REGISTRATION NUMBER, IF AVAILABLE
   e. TONNAGE RANGE
3. AS PER ARTICLE 33 OF REGULATION (EC) NO. 1907/2006 (REACH), RECIPIENTS OF PRODUCT MUST BE PROVIDED WITH INFORMATION OF SAFE USE IF ANY OF THE TESTED SUBSTANCES (SVHC) EXCEEDED 0.1% (w/w). A PRODUCT MEETS THE REQUIREMENT OF ARTICLE 33(1) BY DEFAULT WHEN NO SVHC EXCEEDS 0.1% (w/w).
4. AS PER ARTICLE 31 OF REGULATION (EC) NO. 1907/2006 (REACH), SUPPLIERS OF PREPARATIONS NOT CLASSIFIED AS DANGEROUS ACCORDING TO DIRECTIVE 1999/45/EC HAVE TO PROVIDE THE RECIPIENTS, AT THEIR REQUEST, WITH A SDS IF THE PREPARATIONS CONTAIN AT LEAST ONE OF THE TESTED SUBSTANCES (SVHC) WITH CONCENTRATION AT 0.1% (w/w) OR ABOVE FOR NON-GASEOUS PREPARATIONS.

****

END OF REPORT

Intertek Testing Services Shenzhen Ltd.-TFH Division
7/F., ShekouTechnology Main Building, Industrial 7th Road,Shekou,Shenzhen, China
Tel: (86-755) 2602 0111 Fax: (86-755) 2683 7118/9 Postcode: 518067