



TEST REPORT

NUMBER: SZHH00466048

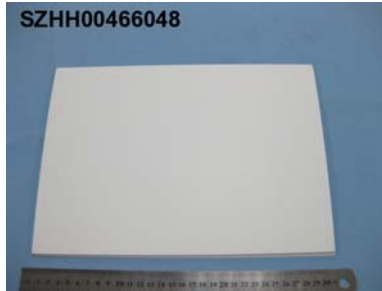
APPLICANT: PT.INDAH KIAT PULP&PAPER TBK.
JI.RAYA SERANG KM.76, KRAGILAN, KAB.
SERANG 42184,BANTEN-INDONESIA

ATTN: RUDI HERYADI SUKARSA

DATE: Mar 17, 2010

SAMPLE DESCRIPTION:

TEN (10) PIECES OF SUBMITTED SAMPLE SAID TO BE :
ITEM NAME : **SINARBOARD.**
BUYER : HASBRO.



TESTS CONDUCTED:

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

CONCLUSION:

| <u>TESTED SAMPLES</u> | <u>STANDARD</u> | <u>RESULT</u> |
|-----------------------|---|----------------|
| SUBMITTED SAMPLES | HASBRO SAFETY AND RELIABILITY SPECIFICATION SRS-012 (REV.S) FOR HEAVY METALS TEST | NOT APPLICABLE |
| | HASBRO SAFETY AND RELIABILITY SPECIFICATION SRS-047 (REV. M) FOR HEAVY METALS TEST | PASS |
| | HASBRO SAFETY AND RELIABILITY SPECIFICATION SRS-082 (REV.INITIAL) FOR HEAVY METALS TEST | PASS |

AUTHORIZED BY:
FOR INTERTEK TESTING SERVICES
SHENZHEN LTD.



KARBON M.Y. WU
GENERAL MANAGER



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TESTS CONDUCTED

1 HEAVY METALS ANALYSIS

AS PER HASBRO INC. GLOBAL QUALITY ASSURANCE SAFETY AND RELIABILITY SPECIFICATION SRS-012 (REVISION S), ACID DIGESTION AND ACID EXTRACTION METHODS WERE USED, AND HEAVY METALS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

ASSESSMENT : SINCE NO SCRAPABLE SURFACE COATING WAS FOUND ON THE SUBMITTED SAMPLES, THE TESTING SCOPE OF THE STANDARD WAS NOT APPLICABLE TO THE SUBMITTED SAMPLES.

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

2 HEAVY METALS ANALYSIS

AS PER HASBRO INC. GLOBAL QUALITY ASSURANCE SAFETY AND RELIABILITY SPECIFICATION SRS-047 (REVISION M), ACID EXTRACTION METHOD WAS USED, AND HEAVY METALS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

| | <u>RESULT IN ppm</u> | <u>LIMIT</u> |
|---------------------|----------------------|--------------|
| TOT. LEAD (Pb) | <5 | 75 |
| TOT. CADMIUM (Cd) | <5 | 30 |
| TOTAL CHROMIUM (Cr) | <5 | 500 |
| TOTAL MERCURY (Hg) | <5 | 100 |
| SOL. BARIUM (Ba) | <5 | 700 |
| SOL. LEAD (Pb) | <5 | 60 |
| SOL. CADMIUM (Cd) | <5 | 30 |
| SOL. ANTIMONY (Sb) | <5 | 25 |
| SOL. SELENIUM (Se) | <5 | 200 |
| SOL. CHROMIUM (Cr) | <5 | 40 |
| SOL. MERCURY (Hg) | <5 | 30 |
| SOL. ARSENIC (As) | <2.5 | 10 |

ppm = PARTS PER MILLION
SOL. = SOLUBLE
TOT. = TOTAL

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3 HEAVY METALS ANALYSIS

AS PER HASBRO INC. GLOBAL QUALITY ASSURANCE SAFETY AND RELIABILITY SPECIFICATION SRS-082 (REVISION INITIAL), ACID DIGESTION AND EXTRACTION METHOD WERE USED, AND HEAVY METALS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

| | <u>RESULT IN ppm</u> | <u>LIMIT</u> <u>ppm</u> |
|---------------------------------|----------------------|----------------------------|
| LEAD (Pb) | <5 | -- |
| CADMIUM (Cd) | <5 | -- |
| MERCURY (Hg) | <5 | -- |
| HEXAVALENT CHROMIUM (Cr (VI)) | <1 | -- |
| SUM OF TOT. Pb, Cd, Hg & Cr(VI) | <16 | 100 |

ppm = PARTS PER MILLION
< = LESS THAN

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END OF REPORT