



TEST REPORT

NUMBER: SZHJ229397

APPLICANT: TALL AND STOUT INDUSTRIAL CORP
NO.1, SHILONG INDUSTRIAL AREA,
SHUI TIA, SHI YAN, BAO AN,
SHEN ZHEN, CHINA

DATE: Apr 09, 2008

ATTN: JACK CHEN

SAMPLE DESCRIPTION:

ONE (1) SUBMITTED SAMPLE SAID TO BE :
ITEM NAME : **TRI TEMPERATURE WATER DISPENSER.**
ITEM NO. : **87344.**
P.O. NO. : 8300095381.
BUYER : WALMART CANADA.
COUNTRY OF ORIGIN : CHINA.



COMPONENT (1)



COMPONENT (2)



COMPONENT (3)

TO BE CONTINUED

AUTHORIZED BY:
FOR INTERTEK TESTING SERVICES
SHENZHEN LTD.

BEN N.L. LIN
GENERAL MANAGER

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COMPONENT (4)



COMPONENT (5)



COMPONENT (6)



COMPONENT (7)



COMPONENT (8)



COMPONENT (9)



COMPONENT (10)



COMPONENT (11)



COMPONENT (12)

TO BE CONTINUED

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COMPONENT (13)



COMPONENT (14)



COMPONENT (15)



COMPONENT (16)



COMPONENT (17)



COMPONENT (18)



COMPONENT (19)



COMPONENT (20)

TO BE CONTINUED

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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>
TESTED COMPONENTS OF SUBMITTED SAMPLE	U.S. 21 CFR F.D.A. REGULATION PART 180.22 ON FINISHED FOOD CONTACT ARTICLE INTENDED FOR REPEATED USE WHEN USING DISTILLED WATER, 3% ACETIC ACID AND N-HEPTANE AS FOOD SIMULATING SOLVENT	PASS
	U.S. 21 CFR F.D.A. REGULATION PART 177.2600 - RUBBER ARTICLES INTENDED FOR REPEATED USE, SECTION (E) AND (F)	PASS
	U.S. 21 CFR F.D.A. REGULATION PART 177.1520 CLAUSE 3.1a AND 3.1b FOR OLEFIN COPOLYMER	PASS
	U.S. 21 CFR F.D.A. REGULATION PART 177.2470 CLAUSE d(1-2) ON POLYOXYMETHYLENE COPOLYMER FOOD TYPE : I, II, III, IV(A), IV(B)/V/VI(A)/VI(B)/VII IN TABLE 1 & 2 OF PART 175.300 (d)	PASS

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TESTS CONDUCTED

1 TEST FOR F.D.A. REGULATION ON ACRYLONITRILE COPOLYMERS

AS PER THE U.S. 21 CFR FOOD AND DRUG ADMINISTRATION PART 180.22.

<u>SOLVENT</u>	<u>ACRYLONITRILE MONOMER</u> (mg/in ²)		<u>LIMIT (MAX)</u> (mg/in ²)
	(1)	(2)	
DISTILLED WATER	<0.0003	<0.0003	0.003
3% ACETIC ACID	<0.0003	<0.0003	0.003
N-HEPTANE	<0.0003	<0.0003	0.003

REMARK : < = LESS THAN

TESTED COMPONENTS :

- (1) BLACK ABS PLASTIC, COMPONENT (2).
- (2) BLUE ABS PLASTIC, COMPONENT (4).

REMARK : COMPONENT (1) IS OF THE SAME MATERIAL AS COMPONENT (2);
COMPONENT (3) IS OF THE SAME MATERIAL AS COMPONENT (4).

DATE SAMPLE RECEIVED : MAR 29, 2008
TESTING PERIOD : MAR 29, 2008 TO APR 07, 2008

2 TEST FOR F.D.A. REGULATION ON RUBBER

WITH REFERENCE TO THE U.S. 21 CFR FOOD AND DRUG ADMINISTRATION PART 177.2600 - RUBBER ARTICLES INTENDED FOR REPEATED USE, SECTION (E) AND (F).

<u>SAMPLE</u>	<u>WATER</u> <u>EXTRACTABLE</u> <u>CONTENT</u> (mg/in ²)		<u>N-HEXANE</u> <u>EXTRACTABLE</u> <u>CONTENT</u> (mg/in ²)	
	(1)	(2)	(1)	(2)
- FIRST 7 HOURS EXTRACTION	<1	<1	8	12
- SUCCEEDING 2 HOURS EXTRACTION	0.1	0.1	0.4	1.8

<u>LIMIT (MAX)</u>	<u>WATER</u> <u>EXTRACTABLE</u> <u>CONTENT</u> (mg/in ²)	<u>N-HEXANE</u> <u>EXTRACTABLE</u> <u>CONTENT</u> (mg/in ²)
- FIRST 7 HOURS EXTRACTION	20	175
- SUCCEEDING 2 HOURS EXTRACTION	1	4

REMARK : < = LESS THAN



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TESTED COMPONENTS :

- (1) BLACK RUBBER, COMPONENT (5).
- (2) SEMI-TRANSPARENT RUBBER, COMPONENT (10).

REMARK : COMPONENTS (6)-(18) ARE OF THE SAME MATERIAL AS COMPONENT (5); COMPONENT (9), (11)-(14) ARE OF THE SAME MATERIAL AS COMPONENT (10).

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3 TEST FOR F.D.A. REGULATION ON OLEFIN COPOLYMER

AS PER THE U.S. 21 CFR FOOD AND DRUG ADMINISTRATION PART 177.1520 CLAUSE 3.1a AND 3.1b.

	<u>RESULT</u>		<u>LIMIT</u>
	<u>(1)</u>	<u>(2)</u>	
(A) DENSITY	0.9	0.91	0.85 - 1.00 (3.1a) 0.9 - 1.00 (3.1b)
(B) MAXIMUM EXTRACTABLE FRACTION IN N-HEXANE, % (w/w)	1.0	0.6	5.5
(C) MAXIMUM EXTRACTABLE FRACTION IN XYLENE, % (w/w)	6	2	30

TESTED COMPONENTS :

- (1) BLACK PLASTIC, COMPONENT (15).
- (2) SEMI-TRANSPARENT PLASTIC, COMPONENT (16).

REMARK: COMPONENT (17) IS OF THE SAME MATERIAL AS COMPONENT (16).

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4 TEST FOR F.D.A. REGULATION ON POLYOXYMETHYLENE COPOLYMER

AS PER THE U.S. 21 CFR FOOD AND DRUG ADMINISTRATION PART 177.2470 CLAUSES d(1-2).

	<u>RESULT</u>	<u>LIMIT</u>
(A) CHLOROFORM SOLUBLE EXTRACTIVE IN WATER EXTRACTANT, mg/in ²	0.05	0.5
(B) CHLOROFORM SOLUBLE EXTRACTIVE IN HEPTANE EXTRACTANT, mg/in ²	<0.05	0.5
(C) CHLOROFORM SOLUBLE EXTRACTIVE IN ALCOHOL EXTRACTANT, mg/in ²	0.05	0.5
(D) MAXIMUM EXTRACTABLE FRACTION IN WATER, % (w/w)	0.04	0.20
(E) MAXIMUM EXTRACTABLE FRACTION IN N-HEPTANE, % (w/w)	0.08	0.15

REMARK : < = LESS THAN

TESTED COMPONENT : WHITE POM, COMPONENT (18).

REMARK : COMPONENT (19) & (20) ARE OF THE SAME MATERIAL AS COMPONENT (18).

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TESTING PERIOD : MAR 29, 2008 TO APR 03, 2008

END OF REPORT