



**BUREAU
VERITAS**

TEST REPORT

LAB NO. : (5508)270-1056 (HK)
DATE : OCTOBER 9, 2008
PAGE : 1 OF 3

APPLICANT : RUTLAND PLASTIC TECHNOLOGIES
10021 RODNEY STREET PINEVILLE, NC 28134

CONTACT PERSON : TONY CHAPMAN

DATE OF SUBMISSION : SEPTEMBER 26, 2008

PERFORMANCE DATE : OCTOBER 2, 2008 – OCTOBER 9, 2008

NO. OF WORKING DAYS : 5

NO. OF SAMPLE(S) : 1

SAMPLE DESCRIPTION : CLAIRA EB, EM, EH, ES/ UNIMATCH HO BASE

SEASON : ALL

REF. NO. : PTF HO

FACTORY : ALL

MATERIAL SUPPLIER : RUTLAND/ UNION

LOCATION : ALL

ITEM NO. : 1

COLOR NAME : HO BASE

COLOR CODE : PTF/PTHF SERIES

AGE GRADE : ALL AGES

SAMPLE TYPE : COMPONENTS

PRODUCT CATEGORY : APPAREL

TESTED ITEM(S) : 1. WHITE PASTE

PASS

NKL

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SUMMARY OF TEST RESULTS

MATERIAL PACKAGE: /

TEST REQUESTED	PASS	FAIL	REMARK
<i>APPAREL RESTRICTED SUBSTANCE TEST- ACCORDING TO FINISHED PRODUCT RESTRICTED SUBSTANCES LIST RSL CORPORATE VERSION DATED JUNE 2008</i>			
TOTAL METAL CONTENT TEST	X		
FORMALDEHYDE TEST	X		
PHTHALATES TEST	X		
ALKYLPHENOL ETHOXYLATES	-	-	INFORMATION ONLY

REMARK

If there are questions or concerns on this report, please contact: (852) 2494 5783
analytical-enquiry@hk.bureauveritas.com

BUREAU VERITAS HONG KONG LIMITED

PREPARED BY : _____ Ed _____

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SENIOR MANAGER, CHEMICAL AND ANALYTICAL SERVICES



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BUREAU VERITAS HONG KONG LIMITED
 APPAREL RESTRICTED SUBSTANCES TESTING

APPLICANT / VENDOR CODE : RUTLAND PLASTIC TECHNOLOGIES
 CONTACT PERSON : TONY CHAPMAN
 DATE OF SUBMISSION : SEPTEMBER 26, 2008
 ITEM NO. : 1
 SAMPLE DESCRIPTION : CLAIRA EB, EM, EH, ES/ UNIMATCH HO BASE
 TESTED ITEM(S) : 1. WHITE PASTE

Parameter / CAS	Analytical Method	LIMIT: Maximum allowable concentration in component	Lab Reporting Limit Per substance concentration in product Result
Total Metal Content	in house method total metal content by microwave digestion and analysis by ICP / AAS		
Cadmium (Cd)		< 50 mg/kg	Not Detected (<25 mg/kg)
Chromium (Cr)	Information Only (Screening test for Cr(VI) test)	< 3 mg/kg	Not Detected (< 3 mg/kg)
Lead (Pb)		< 90 mg/kg	Not Detected (< 50 mg/kg)
Nickel (Ni)	Information Only	No RSL Requirement	Not Detected (< 1 mg/kg)
Mercury (Hg)		< 1 mg/kg	0.184 mg/kg
Tin (Sn)	Information Only (Screening test for Organotin test)	< 0.1 mg/kg	Not Detected (< 0.1 mg/kg)
Formaldehyde	ISO 14184 part 1 - textile	< 20 mg/kg (kids) < 75 mg/kg (adults)	Reporting Limit 5 mg/kg Not Detected
Phthalates	in house method, Extraction with THF / ACN, followed by HPLCMS analysis		Reporting Limit 50 mg/kg
di-isononyl phthalate, DINP			106
di(ethylhexyl) phthalate, DEHP			Not Detected
di-n-octyl phthalate, DNOP			Not Detected
di-iso-decyl phthalate, DIDP			Not Detected
butyl benzyl phthalate, BBP			Not Detected
dibutyl phthalate, DBP			Not Detected
Total of Listed 6 Phthalates (Children < 36 months)		< 500 mg/kg, Sum	106
Alkylphenol ethoxylates	Extraction with organic solvent, followed by LCMS / GCMS analysis		
Nonylphenol		No RSL Requirement	Not Detected (<0.001%)
Nonylphenol ethoxylate		No RSL Requirement	Not Detected (<0.01%)
Octylphenol		No RSL Requirement	Not Detected (<0.001%)
Octylphenol ethoxylate		No RSL Requirement	Not Detected (<0.01%)

Assignment performed period: OCTOBER 2, 2008 – OCTOBER 9, 2008

END