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CERTIFICATE

TO WHOM IT MAY CONCERN :=

BASED ON THE INFORMATION AVAILABLE FROM OUR RAW MATERIAL SUPPLIERS, THE CURRENT PRODUCTS OFFERED IN THE PRODUCTION LINES ARE NOT INTENTIONALLY ADDED RAW MATERIALS ANY OF THE PROHIBITED SUBSTANCES ABOVE THE LIMIT OF OEKO-TEX STANDARD 100 (RSL) : EDITION 02.2019 DD 01.02.2019.

TO THE BEST OF OUR KNOWLEDGE, IT MAY BE SAID THAT OUR PRODUCTS SHOULD COMPLY WITH THE STANDARD LISTED IN OEKO-TEX STANDARD 100 (RSL) : EDITION 02.2019 DD 01.02.2019 FOR THE MENTIONED CHEMICAL SUBSTANCES.

**** THE PRODUCTS UNDER GROUP (H) CONTAIN PCP SUBSTANCE OVER THE LIMIT FOR BABY (CLASS I)****

COMPLIANCE CONFORMATION OF THIS CERTIFICATE IS BASED ON OUR GENERAL EXPERIENCE AT THE TIME OF PUBLICATION OF THIS CERTIFICATE AND TESTS ON SAMPLES OF TYPICAL MANUFACTURE.

THE GOODS MUST NOT BE CONTAMINATED AND / OR CHEMICAL REACTION WITH OTHER SUBSTANCES.
THE GOODS MUST ALSO BE USED AT THE SUITABLE QUANTITY WITH PROPER APPLICATION.

REMARK:

- 1 TECHNICAL DATA SHOWN ON THESE DOCUMENTS ARE BASED ON DATA FROM TESTING OF PRINTED FABRIC SAMPLES.
- 2 THIS CERTIFICATE COVERS TOTAL **3** PAGES INCLUDING THIS COVER SHEET.



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RESTRICTED SUBSTANCE LIST(RSL): OEKOTEX 100 V.02.2019 DATED 01.02.2019

TEST REPORT SUBSTANCES :	SGS THAILAND	Group(EXF)	Group(A)	Group(B)	Group(C)	Group(D)	Group(E)	Group(F)	Group(G)	Group(H)	Group(I)	Group(J)	OEKOTEX 100 V.02.2019
Substance List	Detection Limited	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Limit of authorisation
1.Formadehyde for baby	< 16 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<16 ppm
2.Formadehyde for others	< 16 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<75 ppm
3.Heavy Metals													
-Antimony(Sb)	1.0 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<30/<30 ppm
-Arsenic(As)	0.2 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.2/<1.0 ppm
-Lead(Pb)	0.2 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.2/<1.0 ppm
-Cadmium(Cd)	0.1 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.1/<0.1 ppm
-Chromium(Cr)	1.0 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1 / <2 ppm
-Hexavalent Chrome Cr(VI)	0.5 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.5 ppm
-Cobalt(Co)	1.0 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1/ <4 ppm
-Copper(Cu)	5.0 ppm	ND	ND	ND	ND	ND	ND	ND	ND	21	ND	ND	<25/<50 ppm
-Nickel(Ni)	0.5 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1/ <4 ppm
-Mercury(Hg)	0.02 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.02/<0.02 ppm
4.Organotin Compounds													
-TBT	0.02 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.5/<1.0 ppm
-TPhT	0.02 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.5/<1.0 ppm
-DBT	0.02 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1.0/<2.0 ppm
-DOT	0.02 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1.0/<2.0 ppm
5.Chlorinated Phenols													
-PCP	0.05 ppm	ND	ND	ND	ND	ND	ND	ND	ND	0.14	ND	ND	<0.05/<0.5 ppm
-TeCP	0.05 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.05/<0.5 ppm
-TriCP	0.05 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.2 /< 2 ppm
6.Orthophenylphenol(OPP)	0.5 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<10/<25 ppm
7.Phtalates Content													
-DBP,BBP,DEHP,DNOP,DIBP,DMEP,DHP	30 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	sum ≤ 1000 ppm
-DINP,DIDP,DIHP,DHNUP	50 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
8.Azo Dyes	5.0 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	< 20 ppm
9.Chloroorganic Carrier													
-Chlorobenzenes	0.1 ppm	ND	ND	ND	0.5	0.5	ND	ND	ND	ND	ND	ND	sum ≤ 1.0 ppm
-Dichlorobenzenes	0.1 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	ND	
-Trichlorobenzenes	0.1 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
-Tetrachlorobenzenes	0.1 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
-Pentachlorobenzene	0.1 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
-Hexachlorobenzene	0.1 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
-Chlorotoluenes	0.1 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
-Dichlorotoluenes	0.1 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
-Trichlorotoluenes	0.1 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
-Tetrachlorotoluenes	0.1 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
-Pentachlorotoluene	0.1 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
10.Alkylphenol Ethoxylates(APEOs)	10 ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	sum ≤ 100/100 ppm
11.Polyaromatic hydrocarbons(PAHs)	0.1 ppm	ND	ND	NAP 0.3	ND	ND	ND	ND	ND	ND	ND	ND	sum ≤ 5 /10 ppm
* Remark : 1 ppm(parts per million)= 1 mg/kg = 0.0001% by weight 2.Pigment printed on white woven cotton fabric 5 % owp. 3.ND = Not Detected 4. Product Group name = Appendix A													Baby / Adult
													Class I / Class II

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Appendix : A Product Group name**GROUP (EXF) EUROMIN FLUORESCENT PIGMENT RESIN COLOUR**

LEMON YELLOW EXF 08A, YELLOW EXF 15A, ORANGE EXF 14, BRILLIANT GREEN EXF 11, GREEN EXF 12

RED EXF 13, PINK EXF 17, ROSE EXF 27, RUBINE EXF 37, MAGENTA EXF 47, VIOLET EXF 67, VIOLET EXF 69, BRILLIANT BLUE EXF 77, BLUE EXF 18

GROUP (A) EUROMIN PIGMENT RESIN COLOUR

GOLD YELLOW RR, GOLD YELLOW 3R, GOLD YELLOW KRR, YELLOW FRH, YELLOW KGS, YELLOW KGN, YELLOW KGR, YELLOW KM, YELLOW KT

YELLOW GS CONC, YELLOW GN CONC, YELLOW GS, YELLOW 3GS, YELLOW P2G, YELLOW P3G, YELLOW PRE, YELLOW HR, YELLOW 2R CONC, BROWN RR

GROUP (B) EUROMIN PIGMENT RESIN COLOUR

ORANGE R, ORANGE G, ORANGE GLT, ORANGE FF2R, ORANGE PGR, ORANGE PRG, ORANGE KG CONC

BROWN GRF, BROWN PBL, BROWN FR

GROUP (C) EUROMIN PIGMENT RESIN COLOUR

RED TRC, RED K3RN, RED PGC, RED KBH

RED RB, RED PF-S, RED RHB, RED PGN, SCARLET FF2G

GROUP (D) EUROMIN PIGMENT RESIN COLOUR

RED PB, RED PBN, RED KB, CRIMSON ECO-AK

ROSE FR, ROSE FB, PINK FBL, PINK FBL CONC

GROUP (E) EUROMIN PIGMENT RESIN COLOUR

RED FFB, RED FF2B, RED E3BS, RED VIOLET P3B

PINK P3BL, PINK PE3B

GROUP (F) EUROMIN PIGMENT RESIN COLOUR

BORDEAUX RR, BORDEAUX FRT, BORDEAUX BCS

GROUP (G) EUROMIN PIGMENT RESIN COLOUR

BLUE FFR, BLUE FFGB, BLUE FFG, BLUE FGG, BLUE FBC, BLUE FBCH, BLUE FBLT, BLUE F2GN, BLUE CLA, BLUE KRC, BLUE KRH, BLUE KG CONC, BLUE KGS, BLUE B01, BLUE B02, DARK BLUE ECO, BLUE TG

BLUE HS, BLUE PB, BLUE PBG, BLUE PRR, SKY BLUE PF 7, TURQUOISE BLUE GGS, TURQUOISE BLUE CP, TURQUOISE BLUE PGT, NAVY BLUE RL, NAVY BLUE PBC, NAVY BLUE PWN, NAVY BLUE AK-RR

GROUP (H) EUROMIN PIGMENT RESIN COLOUR

GREEN FB, GREEN FBN, GREEN B 7, GREEN FGG, GREEN FGG H/C, GREEN PG 125, GREEN KG CONC

Remark : PCP = Class II

TeCP & TriCP = Class I

GROUP (I) EUROMIN PIGMENT RESIN COLOUR

VIOLET BL, VIOLET BLC, VIOLET PB, VIOLET PBN

VIOLET PFB, VIOLET CP NEW, VIOLET HC, VIOLET MS02, VIOLET MS 03 CONC, VIOLET MS 09

GROUP (J) EUROMIN PIGMENT RESIN COLOUR

BLACK C, BLACK CK, BLACK K 38

BLACK KNC, BLACK KSN, BLACK MS 40, BLACK NJ, BLACK TNJ

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