

CERTIFICATE
認証

The company

MATSUI SHIKISO CHEMICAL CO., LTD.

29 Nishinoriyuu-cho, Yamashina-ku, Kyoto-city

JP-Kyoto, JAPAN

is granted authorisation according to Oeko-Tex® Standard 100 to use the Oeko-Tex® mark, based on our **test report N-KEN 12102-3**



Tested for harmful substances
according to Oeko-Tex® Standard 100
N-KEN 12102 **Nissenken**

for the following articles:

Printing fabrics with Neo Color, Under Coat Binder 301, 301 Series (White, Clear, Mat), Stretch 301 Series (White, Clear, Mat), Metallic Binder 301, Binder 905, Fixer N (for commission work only)

The results of the inspection made according to Oeko-Tex® Standard 100, **product class I** have shown that the above mentioned goods meet the human-ecological requirements of the standard presently established for baby articles.

The certified articles fulfil the requirements of Annex XVII of REACH (incl. the use of azo-dyes, nickel, etc.) as well as the American requirement regarding total content of lead in children's articles (CPSIA; with the exception of accessories made from glass).

The holder of the certificate, who has issued a conformity declaration according to ISO 17050-1, is under an obligation to use the Oeko-Tex® mark only in conjunction with products that conform with the sample initially tested. The conformity is verified by audits.

This authorisation is valid until 30.04.2016

Japan, 07.05.2015



Koji Takinami

General Manager, Oeko-Tex Laboratory

Nissenken Quality Evaluation Center





Oeko-Tex Standard 100
TEST REPORT

P. 1/1

Test No: N-KEN 12102-3
Client: MATSUI SHIKISO CHEMICAL CO., LTD. (株)松井色素化学工業所
Test Date: 30 April 2015

			Sample 1	Sample 2	Sample 3	Sample 4
			Printed Fabric	Printed Fabric	Printed Fabric	Printed Fabric
			Yellow/White	Yellow/Violet	Green/Silver	Pink/White
SUBJECT		P. Class I Limit-Value				
pH-Value Aqueous extract	水素イオン指数 [pH]	4.0-7.5	6.9	*	6.9	*
Formaldehyde Japanese Law 112	ホルムアルデヒド [A-Ao]	0.05	*	< 0.05	*	< 0.05
Heavy Metals	溶出重金属 [mg/kg]					
Sb : Antimony	アンチモン	30	< 5.0	*	< 5.0	*
As : Arsenic	ヒ素	0.2	< 0.1	*	< 0.1	*
Pb : Lead	鉛	0.2	< 0.1	*	< 0.1	*
Cd : Cadmium	カドミウム	0.1	< 0.05	*	< 0.05	*
Cr : Chromium	クロム	1.0	< 0.2	*	< 0.2	*
Cr : Chromium (VI)	六価クロム	0.5	< 0.2	*	< 0.2	*
Co : Cobalt	コバルト	1.0	< 0.2	*	< 0.2	*
Cu : Copper	銅	25	< 5.0	*	< 5.0	*
Ni : Nickel	ニッケル	1.0	< 0.2	*	< 0.2	*
Hg : Mercury	水銀	0.02	< 0.002	*	< 0.002	*
Heavy Metals	含有重金属 [mg/kg]					
Pb : Lead	鉛	90	< 10	< 10	< 10	< 10
Cd : Cadmium	カドミウム	40	< 10	< 10	< 10	< 10
Phenols	フェノール類 [mg/kg]					
PCP / TeCP		0.05	*	< 0.01	*	< 0.01
TrCP		0.2	*	< 0.01	*	< 0.01
OPP		50	*	< 5.0	*	< 5.0
Phthalates	フタレート(可塑剤) [% (w)]	0.1	< 0.01	*	*	< 0.01
Organic Tin Compounds	有機スズ化合物 [mg/kg]					
TBT / TPhT		0.5	*	< 0.05	< 0.05	*
DBT / DOT		1.0	*	< 0.05	< 0.05	*
Colorants	染料/顔料 [mg/kg]					
Carcinogens	発ガン性芳香族アミン	20	< 5.0	< 5.0	< 5.0	< 5.0
Chlorinated Benzenes / Toluenes	[mg/kg]					
Sum	塩素化ベンゼン/トルエン	1.0	< 0.2	*	< 0.2	*
PAH Polycyclic Aromatic Hydrocarbons	[mg/kg]					
Sum	多環芳香族炭化水素	5.0	*	< 0.5	< 0.5	*
TCEP Tris-(2-chloroethyl) phosphate	[% (w)]	0.1	< 0.01	*	*	< 0.01
	リン酸トリス(2-クロロエチル)					
Solvent Residues	残留有機溶剤 [% (w)]					
NMP / DMAc / DMF		0.1	*	< 0.01	*	< 0.01
Formamide		0.02	*	< 0.005	*	< 0.005
Surfactant, wet agent residues	[mg/kg]					
	残留界面活性剤					
OP, NP, Sum		10	< 5.0	*	*	< 5.0
OP, NP, OP(EO) ₁₋₂₀ , NP(EO) ₁₋₂₀ , Sum		100	< 50	*	*	< 50
Colour Fastness	堅牢度(汚染) [grade]					
Water	水	3	5	5	5	5
Acidic Perspiration	酸性汗	3-4	5	5	5	5
Alkaline Perspiration	アルカリ性汗	3-4	5	5	5	5
Dry Rubbing	乾摩擦	4	5	5	5	5
Saliva & Perspiration	唾液/汗(乳幼児)	fast	fast	fast	fast	fast