

Test Report

Report No. A217003499410200101

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Applicant ZHANGZHOU YINMEI PRINTING INK CO., LTD

Address DONGCHE VILLAGE , HUOTIAN TOWN, YUNXIAO COUNTY, ZHANGZHOU CITY , FUJIAN PROVINCE, CHINA

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name INK

Part No. G432-10400

Sample Received Date Aug. 11, 2017

Testing Period Aug. 11, 2017 to Aug. 16, 2017

Test Requested As specified by client, to screen the 174 substances of very high concern(SVHC) under Regulation (EC) No 1907/2006 of REACH in the submitted sample(s).

Test Method Please refer to the following page(s).

Test Result(s) Please refer to the following page(s).

Summary According to the analytical results, concentrations of 174 SVHC substances are all less than 0.1%(w/w) in the submitted sample(s).

Tested by

Sunny Lin

Reviewed by

Emma Xiao



Hill Zheng
Hill Zheng
Technical Manager

Date

Aug. 16, 2017

Centre Seal Report Seal Co.,Ltd.

Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

No. R158921428

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Test Result(s)

Batch	No.	Substance Name(s)	CAS No.	EC No.	Concentration (%)	Report Limit
I	1	Anthracene	120-12-7	204-371-1	N.D.	0.005%
I	2	4,4' - Diaminodiphenylmethane	101-77-9	202-974-4	N.D.	0.005%
I	3	Dibutyl phthalate(DBP)	84-74-2	201-557-4	N.D.	0.005%
I	4	Cobalt dichloride*	7646-79-9	231-589-4	N.D.	0.01%
I	5	Diarsenic pentaoxide*	1303-28-2	215-116-9	N.D.	0.01%
I	6	Diarsenic trioxide*	1327-53-3	215-481-4	N.D.	0.01%
I	7	Sodium dichromate*	7789-12-0, 10588-01-9	234-190-3	N.D.	0.01%
I	8	Musk xylene	81-15-2	201-329-4	N.D.	0.005%
I	9	Bis(2-ethyl(hexyl)phthalate)(DEHP)	117-81-7	204-211-0	N.D.	0.005%
I	10	Hexabromocyclododecane (HBCDD)	25637-99-4, 3194-55-6	247-148-4, 221-695-9	N.D.	0.005%
I	11	ShortChain Chlorinated Paraffins(SCCPs)	85535-84-8	287-476-5	N.D.	0.01%
I	12	Bis(tributyltin)oxide (TBTO)*	56-35-9	200-268-0	N.D.	0.005%
I	13	Lead hydrogen arsenate*	7784-40-9	232-064-2	N.D.	0.01%
I	14	Benzyl butyl phthalate(BBP)	85-68-7	201-622-7	N.D.	0.005%
I	15	Triethyl arsenate*	15606-95-8	427-700-2	N.D.	0.01%
II	16	^① Anthracene oil	90640-80-5	292-602-7	N.D.	0.05%
II	17	^① Anthracene oil, anthracene paste,distn.Lights *****	91995-17-4	295-278-5	N.D.	0.05%
II	18	^① Anthracene oil, anthracene paste,anthracene fraction	91995-15-2	295-275-9	N.D.	0.05%
II	19	^① Anthracene oil, anthracene-low	90640-82-7	292-604-8	N.D.	0.05%
II	20	^① Anthracene oil, anthracene paste	90640-81-6	292-603-2	N.D.	0.05%
II	21	^① Coal tar pitch, high temperature	65996-93-2	266-028-2	N.D.	0.05%
II	22	Acrylamide	79-06-1	201-173-7	N.D.	0.01%
II	23	2,4-Dinitrotoluene	121-14-2	204-450-0	N.D.	0.01%
II	24	Diisobutyl phthalate (DIBP)	84-69-5	201-553-2	N.D.	0.005%
II	25	^② Lead chromate	7758-97-6	231-846-0	N.D.	0.05%
II	26	^② Lead chromate molybdate sulphate red (C.I. Pigment Red 104)***	12656-85-8	235-759-9	N.D.	0.05%
II	27	^② Lead sulfochromate yellow (C.I. Pigment Yellow 34)***	1344-37-2	215-693-7	N.D.	0.05%
II	28	Tris(2-chloroethyl)phosphate (TCEP)	115-96-8	204-118-5	N.D.	0.01%

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Batch	No.	Substance Name(s)	CAS No.	EC No.	Concentration (%)	Report Limit
III	29	Trichloroethylene	79-01-6	201-167-4	N.D.	0.005%
III	30	[®] Boric acid	10043-35-3 11113-50-1	233-139-2 234-343-4	N.D.	0.01%
III	31	[®] Disodium tetraborate, anhydrous*****	1330-43-4 12179-04-3 1303-96-4	215-540-4	N.D.	0.01%
III	32	[®] Tetraboron disodium heptaoxide, hydrate*****	12267-73-1	235-541-3	N.D.	0.01%
III	33	Sodium chromate*	7775-11-3	231-889-5	N.D.	0.01%
III	34	Potassium chromate*	7789-00-6	232-140-5	N.D.	0.01%
III	35	Ammonium dichromate*	7789-09-5	232-143-1	N.D.	0.01%
III	36	Potassium dichromate*	7778-50-9	231-906-6	N.D.	0.01%
IV	37	Cobalt(II) sulphate*	10124-43-3	233-334-2	N.D.	0.01%
IV	38	Cobalt(II) dinitrate*	10141-05-6	233-402-1	N.D.	0.01%
IV	39	Cobalt(II) carbonate*	513-79-1	208-169-4	N.D.	0.01%
IV	40	Cobalt(II) diacetate*	71-48-7	200-755-8	N.D.	0.01%
IV	41	2-Methoxyethanol	109-86-4	203-713-7	N.D.	0.005%
IV	42	2-Ethoxyethanol	110-80-5	203-804-1	N.D.	0.005%
IV	43	Chromium trioxide*	1333-82-0	215-607-8	N.D.	0.01%
IV	44	^① Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid*	7738-94-5 13530-68-2	231-801-5 236-881-5	N.D.	0.01%
V	45	2-ethoxyethyl acetate	111-15-9	203-839-2	N.D.	0.01%
V	46	Strontium chromate*	7789-06-2	232-142-6	N.D.	0.01%
V	47	^① 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	N.D.	0.01%
V	48	Hydrazine	7803-57-8 302-01-2	206-114-9	N.D.	0.01%
V	49	1-methyl-2-pyrrolidone	872-50-4	212-828-1	N.D.	0.01%
V	50	1,2,3-trichloropropane	96-18-4	202-486-1	N.D.	0.01%
V	51	^① 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	N.D.	0.01%
VI	52	Dichromium tris(chromate)*	24613-89-6	246-356-2	N.D.	0.01%

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Batch	No.	Substance Name(s)	CAS No.	EC No.	Concentration (%)	Report Limit
VI	53	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	234-329-8	N.D.	0.01%
VI	54	Pentazinc chromate octahydroxide*	49663-84-5	256-418-0	N.D.	0.01%
VI	55	②Aluminosilicate Refractory Ceramic Fibres (RCF) **	-	-	N.D.	0.05%
VI	56	②Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) **	-	-	N.D.	0.05%
VI	57	①Formaldehyde, oligomeric reaction products with aniline (technical MDA) [▲]	25214-70-4	500-036-1	N.D.	0.01%
VI	58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	N.D.	0.005%
VI	59	2-Methoxyaniline(o-Anisidine)	90-04-0	201-963-1	N.D.	0.005%
VI	60	4-(1,1,3,3-tetramethylbutyl)phenol (4-tert-Octylphenol)	140-66-9	205-426-2	N.D.	0.005%
VI	61	1,2-Dichloroethane	107-06-2	203-458-1	N.D.	0.005%
VI	62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	N.D.	0.005%
VI	63	Arsenic acid*	7778-39-4	231-901-9	N.D.	0.01%
VI	64	Calcium arsenate*	7778-44-1	231-904-5	N.D.	0.01%
VI	65	Trilead diarsenate*	3687-31-8	222-979-5	N.D.	0.01%
VI	66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	N.D.	0.005%
VI	67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	N.D.	0.005%
VI	68	Phenolphthalein	77-9-8	201-004-7	N.D.	0.005%
VI	69	Lead diazide*	13424-46-9	236-542-1	N.D.	0.01%
VI	70	Lead 2,4,6-trinitro-m-phenylene dioxide (Lead styphnate)*	15245-44-0	239-290-0	N.D.	0.01%
VI	71	Lead dipicrate*	6477-64-1	229-335-2	N.D.	0.01%
VII	72	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	203-977-3	N.D.	0.01%
VII	73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	N.D.	0.01%
VII	74	③Diboron trioxide	1303-86-2	215-125-8	N.D.	0.01%
VII	75	Formamide	75-12-7	200-842-0	N.D.	0.01%
VII	76	Lead(II) bis methanesulfonate*	17570-76-2	401-750-5	N.D.	0.01%
VII	77	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3	N.D.	0.01%

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Batch	No.	Substance Name(s)	CAS No.	EC No.	Concentration (%)	Report Limit
VII	78	β -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6- (1H,3H,5H)-trione)	59653-74-6	423-400-0	N.D.	0.01%
VII	79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	202-027-5	N.D.	0.01%
VII	80	N,N,N',N'-tetramethyl-4,4'-methylene dianiline (Michler's base)	101-61-1	202-959-2	N.D.	0.01%
VII	81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride(C.I. Basic Violet 3)***	548-62-9	208-953-6	N.D.	0.01%
VII	82	[4-[[4-anilino-1-naphthyl] [4-(dimethylamino)phenyl] methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride(C.I. Basic Blue 26)***	2580-56-5	219-943-6	N.D.	0.01%
VII	83	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)***	6786-83-0	229-851-8	N.D.	0.01%
VII	84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	N.D.	0.01%
VIII	85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	N.D.	0.05%
VIII	86	^① 4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	-	N.D.	0.05%
VIII	87	Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	N.D.	0.05%