

TEST REPORT

NO.: A001R121101053001

Date: Nov 07, 2012

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Applicant: Zhaoqing Runfeng Coating Co., Ltd**客户/申请商:** 肇庆市润沣涂料有限公司**Address:** Yikeng Two Village, Side Old 321 National Highway, Lianhua Town, Dinghu District, Zhaoqing City**地址:** 肇庆市鼎湖区莲花镇旧 321 国道边依坑二村**Report on the submitted sample said to be****委托测试的样品及申请者对样品的说明如下****Sample name:** Coating**样品名称:** 涂料**Model:** /**型号:** /**Material:** Black, white, blue, red, green, purple, pearl powder, silvery powder, transparent red, acrylic resin, auxiliaries, mixed solvent**材料:** 黑, 白, 蓝, 红, 绿, 紫, 珍珠粉, 银粉, 透明红, 丙烯酸树脂, 助剂, 混合溶剂**Buyer(客户):** /**Supplier (供应商):** /**Manufacturer (制造商):** /**Sample received date:** Nov 01, 2012**样品接收日期:** 2012-11-01**Testing period:** From Nov 01, 2012 to Nov 07, 2012**样品测试周期:** 2012-11-01 至 2012-11-07**Test Requested 测试要求:**

As specified by client, based on the list published by European chemicals agency (ECHA) for public consultation regarding regulation (EC) No 1907/2006 concerning the REACH, to determine the eighty-four(84) Substances of Very High Concern (SVHC) content in the submitted sample.

根据客户要求及 REACH 法规 1907/2006/EC, 依据欧洲化学品管理局发布的高度关注物质清单, 测定委托样品中 84 种高度关注物质的含量。

Summary 总结:

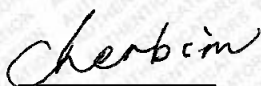
According to the specified scope and analytical techniques, concentrations of SVHC are less than 0.1%(w/w) in the submitted sample. 根据指定范围和分析技术, 委托样品中高度关注物质(SVHC)的浓度均小于 0.1%(w/w)	PASS 通过
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*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) 更多详细信息请查阅下页*****

Signed for and on behalf of 谨代表

Shenzhen AOV Testing Technology Co., Ltd 深圳市安姆特检测技术有限公司

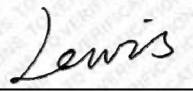
Tested by:



主 检 Wu Ning Si, Cherboin 吴凝思

Project Leader 项目负责人

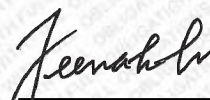
Reviewed by:



主 审 Liu Lin Wen, Lewis 刘林文

Laboratory Supervisor 实验室主管

Approved by:



签 发 Lv Jie Hua, Jeewah 吕杰华

Technical Director 技术总监

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(Attention is drawn to the terms and conditions printed overleaf)

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Test Method:

测试方法:

Code 序号	Test Item 测试项目	Pretreatment Method/ Measuring Instrument 前处理方法/测试仪器	SVHC Item SVHC 项目
1	Tin 锡	EPA 3052, ICP-OES	Bis(tributyltin)oxide (TBTO) ** 三丁基氧化锡(TBTO)**
2	Arsenic 砷	EPA 3052, ICP-OES	Diarsenic pentaoxide **, 五氧化二砷**, Diarsenic trioxide **, 三氧化二砷**, Triethyl arsenate **, 三乙基砷酸酯**, Lead hydrogen arsenate **, 砷酸氢铅**, Arsenic acid**, 砷酸**, Calcium arsenate**, 砷酸钙**, Trilead diarsenate**, 砷酸铅**
3	Lead 铅	EPA 3052, ICP-OES	Lead hydrogen arsenate **, 砷酸氢铅**, Lead chromate **, 铬酸铅**, Lead sulfochromate yellow (C.I.Pigment Yellow 34)**, 铬酸铅黄 (C.I.颜料黄 34) **, Lead chromate molybdate sulphate red (C.I. Pigment Red 104)**, 钼铬酸铅红 (C.I.颜料红 104) **, Trilead diarsenate**, 砷酸铅**, Lead diazide Lead azide **, 叠氮化铅**, Lead styphnate**, 2,4,6-三硝基苯二酚铅(收敛酸铅)**, Lead dipicrate**, 苦味酸铅**, Lead(II) bis(methanesulfonate) ** 甲基磺酸铅**
4	Molybdenum 钼	EPA 3052, ICP-OES	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)** 钼铬酸铅红 (C.I.颜料红 104) **

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5	Hexavalent Chromium 六价铬	IEC 62321, Annex B or Annex C , UV-VIS IEC 62321 附件 B 或 附件 C, UV-VIS	Sodium dichromate **, 重铬酸钠**, Sodium chromate**, 铬酸钠**, Potassium chromate**, 铬酸钾**, Ammonium dichromate**, 重铬酸铵**, Potassium dichromate**, 重铬酸钾**, Chromium trioxide**, 三氧化铬**, Acids generated from chromium trioxide and their oligomers: 铬酸及其低聚物产生的酸类: Chromic acid**, 铬酸**, Dichromic acid**, 重铬酸**, Oligomers of chromic acid and dichromic acid**, 铬酸和重铬酸的低聚物**, Strontium chromate**, 铬酸锶**, Lead chromate **, 铬酸铅**, Lead sulfochromate yellow (C.I.Pigment Yellow 34)**, 铬酸铅黄 (C.I.颜料黄 34) **, Lead chromate molybdate sulphate red (C.I. Pigment Red 104)**, 钼铬酸铅红 (C.I.颜料红 104) **, Dichromium tris(chromate)**, 铬酸铬**, Potassium hydroxyoctaoxidizincatedi- chromate**, 氢氧化铬酸锌钾**, Pentazinc chromate octahydroxide**, 锌黄(C.I.颜料黄 36)**
6	Strontium 锶	EPA 3052, ICP-OES	Strontium chromate**, 铬酸锶**
7	Cobalt 钴	EPA 3052, ICP-OES	Cobalt dichloride **, 氯化钴**, Cobalt(II) sulphate**, 硫酸钴**, Cobalt(II) dinitrate**, 硝酸钴**, Cobalt(II) carbonate**, 碳酸钴**, Cobalt(II) diacetate**, 醋酸钴**

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8	Boron 硼	EPA 3052, ICP-OES	Boric acid**, 硼酸**, Disodium tetraborate, anhydrous**, 四硼酸钠, 无水**, Tetraboron disodium heptaoxide, hydrate** 水合硼酸钠** Diboron trioxide** 三氧化二硼**
9	Silicon 硅	EPA 3052, ICP-OES	Aluminosilicate Refractory Ceramic Fibres (RCF)**, 硅酸铝耐火陶瓷纤维(RCF)**, Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)**, 氧化锆硅酸铝耐火陶瓷纤维(Zr-RCF)**
10	Aluminum 铝	EPA 3052, ICP-OES	
11	Zirconium 锆	EPA 3052, ICP-OES	
12	4,4'-Diaminodiphenylmethane (MDA) 4,4'-二氨基二苯基甲烷(MDA)	EPA 3540C, GC-MS	4,4'-Diaminodiphenylmethane (MDA) 4,4'-二氨基二苯基甲烷(MDA)
13	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene), 二甲苯麝香	EPA 3540C, GC-MS	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene), 二甲苯麝香
14	Dibutyl phthalate (DBP) 邻苯二甲酸二丁酯(DBP)	EPA 3540C, GC-MS	Dibutyl phthalate (DBP) 邻苯二甲酸二丁酯(DBP)
15	Benzyl butyl phthalate (BBP) 邻苯二甲酸丁苄酯(BBP)	EPA 3540C, GC-MS	Benzyl butyl phthalate (BBP) 邻苯二甲酸丁苄酯(BBP)
16	Bis (2-ethylhexyl)phthalate(DEHP) 邻苯二甲酸二(2-乙基己基) 酯(DEHP)	EPA 3540C, GC-MS	Bis (2-ethylhexyl)phthalate (DEHP) 邻苯二甲酸二(2-乙基己基) 酯(DEHP)
17	Diisobutyl phthalate (DIBP) 邻苯二甲酸二异丁酯 (DIBP)	EPA 3540C, GC-MS	Diisobutyl phthalate (DIBP) 邻苯二甲酸二异丁酯 (DIBP)
18	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)* 邻苯二甲酸二(C7-11支链与直链)烷基酯 (DHNUP)*	EPA 3540C, GC-MS	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)* 邻苯二甲酸二(C7-11支链与直链)烷基酯 (DHNUP)*
19	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) 邻苯二甲酸二(C6-8支链)烷基酯, 富C7 (DIHP)	EPA 3540C, GC-MS	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) 邻苯二甲酸二(C6-8支链)烷基酯, 富C7 (DIHP)

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20	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified 六溴环十二烷及其主要同分异构体 (HBCDD)	EPA 3540C, GC-MS	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified 六溴环十二烷及其主要同分异构体(HBCDD)
21	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 短链氯化石蜡 (SCCP)	EPA 3540C, GC-MS	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 短链氯化石蜡 (SCCP)
22	Anthracene 蒽	ZEK 01.4-08, GC-MS	Anthracene 蒽
23	Anthracene oil 蒽油	ZEK 01.4-08, GC-MS	Anthracene oil 蒽油
24	Anthracene oil, anthracene paste, distn. lights 蒽油、蒽糊、轻油	ZEK 01.4-08, GC-MS	Anthracene oil, anthracene paste, distn. lights 蒽油、蒽糊、轻油
25	Anthracene oil, anthracene paste, anthracene fraction 蒽油、蒽糊、蒽馏分	ZEK 01.4-08, GC-MS	Anthracene oil, anthracene paste, anthracene fraction 蒽油、蒽糊、蒽馏分
26	Anthracene oil, anthracene-low 蒽油、少蒽	ZEK 01.4-08, GC-MS	Anthracene oil, anthracene-low 蒽油、少蒽
27	Anthracene oil, anthracene paste 蒽油、蒽糊	ZEK 01.4-08, GC-MS	Anthracene oil, anthracene paste 蒽油、蒽糊
28	Pitch, coal tar, high temp. 高温煤沥青	Distilment 蒸馏法	Pitch, coal tar, high temp. 高温煤沥青
29	Acrylamide 丙烯酰胺	EPA 3540C, GC-MS	Acrylamide 丙烯酰胺
30	2,4-Dinitrotoluene 2,4-二硝基甲苯	EPA 3540C, GC-MS	2,4-Dinitrotoluene 2,4-二硝基甲苯
31	Tris(2-chloroethyl)phosphate 三(2-氯乙基)磷酸盐	EPA 3540C, GC-MS	Tris(2-chloroethyl)phosphate 三(2-氯乙基)磷酸盐
32	Trichloroethylene 三氯乙烯	EPA 3540C, GC-MS	Trichloroethylene 三氯乙烯
33	2-Methoxyethanol 乙二醇单甲醚	EPA 3540C, GC-MS	2-Methoxyethanol 乙二醇单甲醚
34	2-Ethoxyethanol 乙二醇单乙醚	EPA 3540C, GC-MS	2-Ethoxyethanol 乙二醇单乙醚
35	2-Ethoxyethyl acetate 乙二醇乙醚乙酸酯	EPA 3540C, GC-MS	2-Ethoxyethyl acetate 乙二醇乙醚乙酸酯

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36	Hydrazine 肼	EPA 8260C, HS-GC-MS	Hydrazine 肼
37	1-Methyl-2-pyrrolidone N-甲基吡咯烷酮	EPA 3540C, GC-MS	1-Methyl-2-pyrrolidone N-甲基吡咯烷酮
38	1,2,3-Trichloropropane 1,2,3-三氯丙烷	EPA 3540C, GC-MS	1,2,3-Trichloropropane 1,2,3-三氯丙烷
39	Formaldehyde, oligomeric reaction products with aniline (technical MDA) 甲醛苯胺共聚物	EPA 3540C, HPLC	Formaldehyde, oligomeric reaction products with aniline (technical MDA) 甲醛苯胺共聚物
40	Bis(2-methoxyethyl) phthalate (DMEP) 邻苯二甲酸二甲氧乙酯 (DMEP)	EPA 3540C, GC-MS	Bis(2-methoxyethyl) phthalate (DMEP) 邻苯二甲酸二甲氧乙酯 (DMEP)
41	2-Methoxyaniline; o-Anisidine 邻甲氧基苯胺	EPA 3540C, GC-MS	2-Methoxyaniline; o-Anisidine 邻甲氧基苯胺
42	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol) 对特辛基苯酚	EPA 3540C, HPLC	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol) 对特辛基苯酚
43	1,2-Dichloroethane 1,2-二氯乙烷	GB 18583-2008 Annex E, GC-FID GB 18583-2008 附件 E, GC-FID	1,2-Dichloroethane 1,2-二氯乙烷
44	Bis(2-methoxyethyl) ether 双(2-甲氧基乙基)醚	GB 18582-2008 Annex A, GC-FID GB 18582-2008 附录 A, GC-FID	Bis(2-methoxyethyl) ether 双(2-甲氧基乙基)醚
45	N,N-dimethylacetamide (DMAC) N,N-二甲基乙酰胺 (DMAC)	EPA 3540C, GC-MS	N,N-dimethylacetamide (DMAC) N,N-二甲基乙酰胺 (DMAC)
46	2,2'-dichloro-4,4'-methylenedianiline (MOCA) 2,2'-二氯-4,4'-二氨基二苯基甲烷 (MOCA)	EPA 3540C, GC-MS	2,2'-dichloro-4,4'-methylenedianiline (MOCA) 2,2'-二氯-4,4'-二氨基二苯基甲烷(MOCA)
47	Phenolphthalein 酚酞	EPA 3540C, HPLC	Phenolphthalein 酚酞
48	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) 三甘醇二甲醚	EPA 3540C, GC-MS	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) 三甘醇二甲醚

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Code 序号	Test Item 测试项目	Pretreatment Method/ Measuring Instrument 前处理方法/测试仪器	SVHC Item SVHC 项目
49	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) 1,2-二甲氧基乙烷	EPA 3540C, GC-MS	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) 1,2-二甲氧基乙烷
50	Formamide 甲酰胺	EPA 3540C, HPLC	Formamide 甲酰胺
51	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione) 1,3,5-三缩水甘油-S-三嗪三酮	EPA 3540C, HPLC	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione) 1,3,5-三缩水甘油-S-三嗪三酮
52	β -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) 1,3,5-三(环氧乙烷基甲基)-1,3,5-三嗪-2,4,6-(1H,3H,5H)-三酮立体异构体	EPA 3540C, HPLC	β -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) 1,3,5-三(环氧乙烷基甲基)-1,3,5-三嗪-2,4,6-(1H,3H,5H)-三酮立体异构体
53	4,4'-bis(dimethylamino) benzophenone (Michler's ketone) 4,4'-二(N,N-二甲氨基)二苯甲酮	EPA 3540C, HPLC	4,4'-bis(dimethylamino) benzophenone (Michler's ketone) 4,4'-二(N,N-二甲氨基)二苯甲酮
54	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) N,N,N',N'-四甲基-4,4'-二氨基二苯甲烷	EPA 3540C, HPLC	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) N,N,N',N'-四甲基-4,4'-二氨基二苯甲烷
55	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) 碱性紫3	EPA 3540C, HPLC	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) 碱性紫3
56	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) 碱性蓝26	EPA 3540C, HPLC	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) 碱性蓝26
57	α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) 溶剂蓝4	EPA 3540C, HPLC	α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) 溶剂蓝4
58	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol α,α -二[(二甲氨基)苯基]-4-甲氨基苯甲醇	EPA 3540C, HPLC	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol α,α -二[(二甲氨基)苯基]-4-甲氨基苯甲醇

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Report Results:

报告结果:

The first fifteen Substances of Very High Concern (Released in Oct, 2008)

第一批15种SVHC (2008年10月公布)

Code 序号	Test Item 测试项目	CAS No.	EC No.	Report Limit 报告限 (%)	Report Results 报告结果 (%)
					A
1	Bis(tributyltin)oxide (TBTO)** 三丁基氧化锡(TBTO)**	56-35-9	200-268-0	0.020	N.D.
2	Diarsenic pentaoxide** 五氧化二砷**	1303-28-2	215-116-9	0.020	N.D.
3	Diarsenic trioxide** 三氧化二砷**	1327-53-3	215-481-4	0.020	N.D.
4	Triethyl arsenate** 三乙基砷酸酯**	15606-95-8	427-700-2	0.020	N.D.
5	Lead hydrogen arsenate** 砷酸氢铅**	7784-40-9	232-064-2	0.020	N.D.
6	Cobalt dichloride** 氯化钴**	7646-79-9	231-589-4	0.020	N.D.
7	Sodium dichromate ** 重铬酸钠**	7789-12-0, 10588-01-9	234-190-3	0.020	N.D.
8	Anthracene 蒽	120-12-7	204-371-1	0.020	N.D.
9	4,4'-Diaminodiphenylmethane (MDA) 4,4'-二氨基二苯基甲烷(MDA)	101-77-9	202-974-4	0.020	N.D.
10	Dibutyl phthalate (DBP) 邻苯二甲酸二丁酯 (DBP)	84-74-2	201-557-4	0.020	N.D.
11	Benzyl butyl phthalate (BBP) 邻苯二甲酸丁苄酯(BBP)	85-68-7	201-622-7	0.020	N.D.
12	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) 二甲苯麝香	81-15-2	201-329-4	0.020	N.D.
13	Bis (2-ethylhexyl)phthalate (DEHP) 邻苯二甲酸二(2-乙基己基)酯(DEHP)	117-81-7	204-211-0	0.020	N.D.
14	Hexabromocyclododecane(HBCDD) and all major diastereoisomers identified 六溴环十二烷及其主要同分异构体(HBCDD)	25637-99-4, 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)	247-148-4, 221-695-9	0.020	N.D.
15	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 短链氯化石蜡 (SCCP)	85535-84-8	287-476-5	0.020	N.D.

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The second thirteen Substances of Very High Concern (Released in Jan, 2010 and Mar, 2010)

第二批13种SVHC (2010年1月和3月公布)

Code 序号	Test Item 测试项目	CAS No.	EC No.	Report Limit 报告限 (%)	Report Results 报告结果 (%)
					A
16	Anthracene oil 蒽油	90640-80-5	292-602-7	0.020	N.D.
17	Anthracene oil, anthracene paste, distn. lights 蒽油、蒽糊、轻油	91995-17-4	295-278-5	0.020	N.D.
18	Anthracene oil, anthracene paste, anthracene fraction 蒽油、蒽糊、蒽馏分	91995-15-2	295-275-9	0.020	N.D.
19	Anthracene oil, anthracene-low 蒽油、少蒽	90640-82-7	292-604-8	0.020	N.D.
20	Anthracene oil, anthracene paste 蒽油、蒽糊	90640-81-6	292-603-2	0.020	N.D.
21	Pitch, coal tar, high temp. 高温煤沥青	65996-93-2	266-028-2	0.020	N.D.
22	Acrylamide 丙烯酰胺	79-06-1	201-173-7	0.020	N.D.
23	2,4-Dinitrotoluene 2,4-二硝基甲苯	121-14-2	204-450-0	0.020	N.D.
24	Diisobutyl phthalate (DIBP) 邻苯二甲酸二异丁酯 (DIBP)	84-69-5	201-553-2	0.020	N.D.
25	Lead chromate** 铬酸铅**	7758-97-6	231-846-0	0.020	N.D.
26	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) ** 钼铬酸铅红 (C.I. 颜料红 104) **	12656-85-8	235-759-9	0.020	N.D.
27	Lead sulfochromate yellow (C.I. Pigment Yellow 34) ** 铬酸铅黄 (C.I. 颜料黄 34) **	1344-37-2	215-693-7	0.020	N.D.
28	Tris(2-chloroethyl)phosphate 三(2-氯乙基)磷酸盐	115-96-8	204-118-5	0.020	N.D.

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The third eight Substances of Very High Concern (Released in Jun, 2010)

第三批 8 种 SVHC (2010 年 6 月公布)

Code 序号	Test Item 测试项目	CAS No.	EC No.	Report Limit 报告限 (%)	Report Results 报告结果 (%)
					A
29	Trichloroethylene 三氯乙烯	79-01-6	201-167-4	0.020	N.D.
30	Boric acid** 硼酸**	10043-35-3/ 11113-50-1	233-139-2/ 234-343-4	0.020	N.D.
31	Disodium tetraborate, anhydrous** 四硼酸钠, 无水**	1330-43-4/ 12179-04-3/ 1303-96-4	215-540-4	0.020	N.D.
32	Tetraboron disodium heptaoxide, hydrate** 水合硼酸钠**	12267-73-1	235-541-3	0.020	N.D.
33	Sodium chromate** 铬酸钠**	7775-11-3	231-889-5	0.020	N.D.
34	Potassium chromate** 铬酸钾**	7789-00-6	232-140-5	0.020	N.D.
35	Ammonium dichromate** 重铬酸铵**	7789-09-5	232-143-1	0.020	N.D.
36	Potassium dichromate** 重铬酸钾**	7778-50-9	231-906-6	0.020	N.D.

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The fourth eight Substances of Very High Concern (Released in Dec, 2010)

第四批 8 种 SVHC (2010 年 12 月公布)

Code 序号	Test Item 测试项目	CAS No.	EC No.	Report Limit 报告限 (%)	Report Results 报告结果 (%)	
					A	
37	Cobalt(II) sulphate** 硫酸钴**	10124-43-3	233-334-2	0.020	N.D.	
38	Cobalt(II) dinitrate** 硝酸钴**	10141-05-6	233-402-1	0.020	N.D.	
39	Cobalt(II) carbonate** 碳酸钴**	513-79-1	208-169-4	0.020	N.D.	
40	Cobalt(II) diacetate** 醋酸钴**	71-48-7	200-755-8	0.020	N.D.	
41	2-Methoxyethanol 乙二醇单甲醚	109-86-4	203-713-7	0.020	N.D.	
42	2-Ethoxyethanol 乙二醇单乙醚	110-80-5	203-804-1	0.020	N.D.	
43	Chromium trioxide** 三氧化铬**	1333-82-0	215-607-8	0.020	N.D.	
44	Acids generated from chromium trioxide and their oligomers 铬酸及其低聚物产生的 酸类:	Chromic acid** 铬酸**	7738-94-5	231-801-5	0.020	N.D.
		Dichromic acid** 重铬酸**	13530-68-2	236-881-5	0.020	N.D.
		Oligomers of chromic acid and dichromic acid** 铬酸和重铬酸的低聚物**	--	--	0.020	N.D.

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The fifth seven Substances of Very High Concern (Released in Jun, 2011)

第五批 7 种 SVHC (2011 年 6 月公布)

Code 序号	Test Item 测试项目	CAS No.	EC No.	Report Limit 报告限 (%)	Report Results 报告结果 (%)
					A
45	2-Ethoxyethyl acetate 乙二醇乙醚乙酸酯	111-15-9	203-839-2	0.020	N.D.
46	Strontium chromate** 铬酸锶**	7789-06-2	232-142-6	0.020	N.D.
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters(DHNUP)* 邻苯二甲酸二(C7-11支链与直链)烷基酯(DHNUP)*	68515-42-4	271-084-6	0.020	N.D.
48	Hydrazine 肼	7803-57-8 302-01-2	206-114-9	0.020	N.D.
49	1-Methyl-2-pyrrolidone N-甲基吡咯烷酮	872-50-4	212-828-1	0.020	N.D.
50	1,2,3-Trichloropropane 1,2,3-三氯丙烷	96-18-4	202-486-1	0.020	N.D.
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters,C7-rich(DIHP) 邻苯二甲酸二(C6-8支链)烷基酯, 富C7(DIHP)	71888-89-6	276-158-1	0.020	N.D.

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The sixth twenty Substances of Very High Concern (Released in Dec, 2011)

第六批20种SVHC (2011年12月公布)

Code 序号	Test Item 测试项目	CAS No.	EC No.	Report Limit 报告限 (%)	Report Results 报告结果 (%)
					A
52	Dichromium tris(chromate)** 铬酸铬**	24613-89-6	246-356-2	0.020	N.D.
53	Potassium hydroxyoctaoxodizincatedichromate** 氢氧化铬酸锌钾**	11103-86-9	234-329-8	0.020	N.D.
54	Pentazinc chromate octahydroxide** 锌黄(C.I.颜料黄 36)**	49663-84-5	256-418-0	0.020	N.D.
55	Aluminosilicate Refractory Ceramic Fibres (RCF)** 硅酸铝耐火陶瓷纤维(RCF)**	-	-	0.020	N.D.
56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)** 氧化锆硅酸铝耐火陶瓷纤维 (Zr-RCF)**	-	-	0.020	N.D.
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA) 甲醛苯胺共聚物	25214-70-4	500-036-1	0.020	N.D.
58	Bis(2-methoxyethyl) phthalate (DMEP) 邻苯二甲酸二甲氧乙酯 (DMEP)	117-82-8	204-212-6	0.020	N.D.
59	2-Methoxyaniline; o-Anisidine 邻甲氧基苯胺	90-04-0	201-963-1	0.020	N.D.
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol) 对特辛基苯酚	140-66-9	205-426-2	0.020	N.D.
61	1,2-Dichloroethane 1,2-二氯乙烷	107-06-2	203-458-1	0.020	N.D.
62	Bis(2-methoxyethyl) ether 双(2-甲氧基乙基)醚	111-96-6	203-924-4	0.020	N.D.
63	Arsenic acid** 砷酸**	7778-39-4	231-901-9	0.020	N.D.
64	Calcium arsenate** 砷酸钙**	7778-44-1	231-904-5	0.020	N.D.
65	Trilead diarsenate** 砷酸铅**	3687-31-8	222-979-5	0.020	N.D.
66	N,N-dimethylacetamide (DMAC) N,N-二甲基乙酰胺(DMAC)	127-19-5	204-826-4	0.020	N.D.

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Code 序号	Test Item 测试项目	CAS No.	EC No.	Report Limit 报告限 (%)	Report Results 报告结果 (%)
					A
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA) 2,2'-二氯-4,4'-二氨基二苯基甲烷(MOCA)	101-14-4	202-918-9	0.020	N.D.
68	Phenolphthalein 酚酞	77-09-8	201-004-7	0.020	N.D.
69	Lead diazide Lead azide ** 叠氮化铅**	13424-46-9	236-542-1	0.020	N.D.
70	Lead styphnate** 2,4,6-三硝基苯二酚铅 (收敛酸铅)**	15245-44-0	239-290-0	0.020	N.D.
71	Lead dipicrate** 苦味酸铅**	6477-64-1	229-335-2	0.020	N.D.

The seventh thirteen Substances of Very High Concern (Released in Jun, 2012)

第七批13种SVHC (2012年6月公布)

Code 序号	Test Item 测试项目	CAS No.	EC No.	Report Limit 报告限 (%)	Report Results 报告结果 (%)
					A
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) 三甘醇二甲醚(TEGDME)	112-49-2	203-977-3	0.020	N.D.
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) 1,2-二甲氧基乙烷 (EGDME)	110-71-4	203-794-9	0.020	N.D.
74	Diboron trioxide** 三氧化二硼**	1303-86-2	215-125-8	0.020	N.D.
75	Formamide 甲酰胺	75-12-7	200-842-0	0.020	N.D.
76	Lead(II) bis(methanesulfonate) ** 甲基磺酸铅Lead(II) **	17570-76-2	401-750-5	0.020	N.D.
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6 (1H,3H,5H)-trione) 1,3,5-三缩水甘油-S-三嗪三酮	2451-62-9	219-514-3	0.020	N.D.

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Code 序号	Test Item 测试项目	CAS No.	EC No.	Report Limit 报告限 (%)	Report Results 报告结果 (%)
					A
78	β -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) 1,3,5-三(环氧乙烷基甲基)-1,3,5-三嗪-2,4,6-(1H,3H,5H)-三酮立体异构体	59653-74-6	423-400-0	0.020	N.D.
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone) 4,4'-二(N,N-二甲氨基)二苯甲酮	90-94-8	202-027-5	0.020	N.D.
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) N,N,N',N'-四甲基-4,4'-二氨基二苯甲烷	101-61-1	202-959-2	0.020	N.D.
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) 碱性紫3	548-62-9	208-953-6	0.020	N.D.
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) 碱性蓝26	2580-56-5	219-943-6	0.020	N.D.
83	α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) 溶剂蓝4	6786-83-0	229-851-8	0.020	N.D.
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol α,α -二[(二甲氨基)苯基]-4-甲氨基苯甲醇	561-41-1	209-218-2	0.020	N.D.

Specimen Description:

样品描述:

A: Coffee (咖啡色)

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Note:

备注:

- mg/kg =ppm= 10^{-6}
- %=w/w
- N.D. :< Report Limit
- N.D. :< 报告限
- *The detected DHNUP are consisted of six phthalates which CAS number are 85507-79-5, 68515-44-6, 68515-45-7, 111381-89-6, 111381-90-9 and 111381-91-0. according to the Annex 15 of REACH.
- *所测的 DHNUP 依据 REACH 附件 15, 主要包括 CAS 号为 85507-79-5, 68515-44-6, 68515-45-7, 111381-89-6, 111381-90-9 和 111381-91-0 的六种邻苯二甲酸酯。
- ** According to the 5.2.1 item of the second version of ECHA "Guidance on requirements for substances in articles", 2011, the selected test methods only show the existence of certain elements rather than the existence of substances, using additional measurements to screen for the existence and identification of substances in a sample when necessary.
- **依据 ECHA "物品中的物质要求指南"-2011 年第二版第 5.2.1 条规定, 所采用的测试方法只能得到样品中含有的元素而不是物质, 当需要时则对样品中的物质的甄选和鉴别进行进一步测试。
- Report Results: based on measurements in most cases will identify the chemical constituents in the sample but not necessarily "the substance" which were originally used to produce the article, professional consults, products information, testing processes, features of materials, characteristics of the SVHC and chemical analysis etc to obtain the assessments results according to the 5.2 item of the second version of ECHA "Guidance on requirements for substances in articles", 2011.
- 报告结果: 依据 ECHA "物品中的物质要求指南"-2011 年第二版第 5.2 条: 基于大多数情况下测试方法鉴别的是样品中的化学组成, 而不一定是产品生产过程中原始添加的物质, 以及专业咨询, 产品资料信息, 测试过程, 材料特性, SVHC 特性和化学分析等手段评估而得到。
- Report Limit: Be obtained from the uncertainty, the 0.1 % threshold and the ECHA "Guidance on requirements for substances in articles".
- 报告限: 根据不确定度和 0.1%的报告门槛以及 ECHA "物品中的物质要求指南"规定而得到。
- Photo is included
- 附照片.

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Photograph of Sample

样品照片



Coating

涂料

End of Report

报告结束