



TEST REPORT

**BUREAU
VERITAS**

LAB NO. : (6610)081-0303
DATE : March 30, 2010
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APPLICANT : SANSD (FUJIAN) PLASTIC CO., LTD
SANSD INDUSTRIAL AREA, JIANGTOU, CHENGDI, JINJIANG,
FUJIAN, CHINA, 362211

申请人公司名称 : 三斯达(福建)塑胶有限公司
福建省晋江市陈埭江头三斯达工业区

DATE OF SUBMISSION : March 22, 2010

样品收取日期 : 2010年3月22日

TEST PERIOD : March 22, 2010 to March 30, 2010

所需工作周期 : 2010年3月22日至2010年3月30日

NO. OF WORKING DAY(S) : 7

所需工作日 : 7

SAMPLE DESCRIPTION : One (1) received sample stated to be EVA 发泡, 灰色
Style No.: H1B1 15-80
Country of Origin: 中国
Manufacturer name: 三斯达(福建)塑胶有限公司/ SANSD (FUJIAN)
PLASTIC CO., LTD

样品描述

TESTED ITEM 1 : Gray foam

SUMMARY OF TEST RESULTS / 结果摘要

TEST REQUESTED / 测试要求	CONCLUSION / 结论	REMARK / 备注
I. Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH I. 欧洲化学品管理局发布关于欧盟有关 REACH (EC) 1907/2006 号法规的相关高度关注物质(SVHC)候选清单	PASS 通过	-
II. Acrylamide - Substance of Very High Concern as identified by ECHA's Member State Committee II. 丙烯酰胺 - 被欧洲化学品管理委员会认定的高度关注物质	PASS 通过	Please see note 4 请参阅附注 4

REMARK 备注

If there are questions or concerns on this report, please contact the following persons:

若有任何疑问或咨询, 可通过下述联络方式与我们联系

General enquiry and invoicing

其他问题

顾晶/许祥晖 小姐 Ms. Michelle Gu/Lucy Xu

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Technical enquiry

技术问题

郭晔轩/ 云大陆 先生 Mr. Kevin Guo/ Darryl Yun

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CONSUMER PRODUCTS SERVICES DIVISION (SHANGHAI)

必维国际检验集团 - 上海中美商品检测有限公司

PREPARED BY : Michelle

制定:

for 郭晔轩 Kevin Guo
化学实验室技术经理

CHEMICAL LABORATORY TECHNOLOGY MANAGER

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Photo of the Submitted Sample



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TEST RESULT/ 测试结果

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I. Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH

I. 欧洲化学品管理局发布的关于欧盟 REACH (EC) 1907/2006 号法规的相关高度关注物质(SVHC)候选清单

Test Item 1: / 测试项目 1: Gray foam

No. / 编号	Substance name / 物质名称	CAS No. / CAS 编号	EC No. / EC 编号	Result / 结果, %	Detection Limit / 检测界限, %	Basis for identification as a SVHC / 被认为是高 度关注物质的依据
				1		
1	Triethyl arsenate* / 三乙基砷酸酯*	15606-95-8	427-700-2	ND	0.01	Carcinogen, cat. 1
2	Anthracene / 蒽	120-12-7	204-371-1	ND	0.005	PBT
3	4,4'-Diaminodiphenyl methane (MDA) / 4,4'-二氨基二苯基甲烷	101-77-9	202-974-4	ND	0.005	Carcinogen, cat. 2
4	Dibutyl phthalate (DBP) / 邻苯二甲酸二丁酯	84-74-2	201-557-4	ND	0.005	Toxic for reproduction, cat. 2
5	Cobalt dichloride* / 二氯化钴*	7646-79-9	231-589-4	ND	0.01	Carcinogen, cat. 2
6	Diarsenic pentaoxide* / 五氧化二砷*	1303-28-2	215-116-9	ND	0.01	Carcinogen, cat. 1
7	Diarsenic trioxide* / 三氧化二砷*	1327-53-3	215-481-4	ND	0.01	Carcinogen, cat. 1
8	Sodium dichromate* / 重铬酸钠*	7789-12-0 ⁽¹⁾ , 10588-01-9 ⁽²⁾	234-190-3	ND	0.01	Carcinogen, cat. 2 Mutagen, cat. 2; Toxic for reproduction, cat. 2
9	5-tert-butyl-2,4,6-trinitro-m- xylene (musk xylene) / 二甲苯麝香	81-15-2	201-329-4	ND	0.005	vPvB
10	Bis (2-ethylhexyl) phthalate (DEHP) / 邻苯二甲酸二(2-乙基己)酯	117-81-7	204-211-0	0.00827	0.005	Toxic for reproduction, cat. 2
11	Hexabromo cyclododecane (HBCDD) and all major diastereoisomers identified: / 六溴环十二烷及异构体: α -HBCDD β -HBCDD γ -HBCDD	3194-55-6 ⁽³⁾ , 25637-99-4 ⁽⁴⁾ 134237-50-6 134237-51-7 134237-52-8	247-148-4, 221-695-9	ND	0.005	PBT
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCP) / 短链氯化石 蜡	85535-84-8	287-476-5	ND	0.02	PBT, vPvB
13	Bis(tributyltin)oxide (TBTO)** / 氧化双三丁基锡**	56-35-9	200-268-0	ND	0.005	PBT
14	Lead hydrogen arsenate* / 酸式砷酸铅*	7784-40-9	232-064-2	ND	0.01	Carcinogen, cat. 1; Toxic for reproduction, cat. 1
15	Benzyl butyl phthalate (BBP) / 邻苯二甲酸丁苄酯	85-68-7	201-622-7	ND	0.005	Toxic for reproduction, cat. 2



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TEST RESULT/ 测试结果

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I. Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH

I. 欧洲化学品管理局发布的关于欧盟 REACH (EC) 1907/2006 号法规的相关高度关注物质(SVHC)候选清单

Test Item 1: / 测试项目 1: Gray foam

No. / 编号	Substance name / 物质名称	CAS No. / CAS 编号	EC No. / EC 编号	Result / 结果, %	Detection Limit / 检测界限, %	Basis for identification as a SVHC / 被认为是高 度关注物质的依据
				1		
16	2,4-Dinitrotoluene / 2,4-二硝基甲苯	121-14-2	204-450-0	ND	0.005	Carcinogen, cat. 2
17	Anthracene oil / 蒽油	90640-80-5	292-602-7	ND	0.1	Carcinogen, cat. 2, PBT, vPvB
18	Anthracene oil, anthracene paste, distn. Lights / 蒽油, 蒽糊, 轻油	91995-17-4	295-278-5	ND	0.1	Carcinogen, cat. 2; Mutagen, cat. 2, PBT, vPvB
19	Anthracene oil, anthracene paste, anthracene fraction / 蒽油, 蒽糊, 蒽馏分	91995-15-2	295-275-9	ND	0.1	Carcinogen, cat. 2; Mutagen, cat. 2, PBT, vPvB
20	Anthracene oil, anthracene-low / 蒽油, 含蒽量少	90640-82-7	292-604-8	ND	0.1	Carcinogen, cat. 2; Mutagen, cat. 2, PBT, vPvB
21	Anthracene oil, anthracene paste / 蒽油, 蒽糊	90640-81-6	292-603-2	ND	0.1	Carcinogen, cat. 2; Mutagen, cat. 2, PBT, vPvB
22	Diisobutyl phthalate / 邻苯二甲酸二异丁酯	84-69-5	201-553-2	ND	0.005	Toxic for reproduction, cat. 2
23	Aluminosilicate, Refractory Ceramic Fibres* / 硅酸铝, 耐火陶瓷纤维*	Index no. 650-017-00-8		ND	0.01	Carcinogen, cat. 2
24	Zirconia Aluminosilicate, Refractory Ceramic Fibres* / 锆硅酸铝, 耐火陶瓷纤维*	Index no. 650-017-00-8		ND	0.01	Carcinogen, cat. 2
25	Lead chromate* / 铬酸铅 (铬黄)*	7758-97-6	231-846-0	ND	0.01	Carcinogen, cat. 2; Toxic for reproduction, cat. 1
26	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)* / 钼 铬红 (C.I. 染料红 104)*	12656-85-8	235-759-9	ND	0.01	Carcinogen, cat. 2; Toxic for reproduction, cat. 1
27	Lead sulfochromate yellow (C.I. Pigment Yellow 34)* / 铬酸铅 (C.I. 染料黄 34)*	1344-37-2	215-693-7	ND	0.01	Carcinogen, cat. 2; Toxic for reproduction, cat. 1
28	Tris(2-chloroethyl) phosphate / 三(2-氯乙基)磷酸酯	115-96-8	204-118-5	ND	0.005	Toxic for reproduction, cat. 2
29	Coal tar pitch, high temperature / 煤沥青, 高温	65996-93-2	266-028-2	ND	0.1	Carcinogen, cat. 2, PBT, vPvB

(1) CAS no. 7789-12-0 refers to sodium dichromate dihydrate / CAS 編號 7789-12-0 指二水重铬酸钠

(2) CAS no. 10588-01-9 refers to anhydrous sodium dichromate / CAS 編號 10588-01-9 指无水重铬酸钠

(3) CAS no. 3194-55-6 refers to a specific HBCDD - 1,2,5,6,9,10-hexabromocyclododecane / CAS 編號 3194-55-6 指特定的六溴环十二烷 - 1,2,5,6,9,10-六溴环十二烷

(4) CAS no. 25637-99-4 refers to unspecific HBCDD isomer composition / CAS 編號 25637-99-4 指非特定的六溴环十二烷及其异构体的混合物



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TEST RESULT/ 测试结果

II. Acrylamide - Substance of Very High Concern as identified by ECHA's Member State Committee

II. 丙烯酰胺 - 被欧洲化学品管理委员会认定的高度关注物质

Test Item 1: / 测试项目 1: Gray foam

No. / 编号	Substance name / 物质名称	CAS No. / CAS 编号	EC No. / EC 编号	Result / 结果, %	Detection Limit / 检测界限, %	Basis for identification as a SVHC / 被认为是高 度关注物质的依据
				1		
1	Acrylamide / 丙烯酰胺	79-06-1	201-173-7	ND	0.005	CMR



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Method: Analysis is based on GC, LC, IC, ICP, with various detection techniques and UV. /
方法: 以各种不同的检测技术包括 GC,LC,IC,ICP,UV 分析.

Remark / 备注:

1. PBT = Persistent, bio accumulative and toxic as defined in Regulation (EC) No 1907/2006 / 根据(EC)1907/2006 号法规定义为持久性, 生物蓄积性和毒性.
2. vPvB = Very persistent and very bio accumulative as defined in Regulation (EC) No 1907/2006 / 根据(EC)1907/2006 号法规定义为高持久性, 高生物蓄积性.
3. CMR = Carcinogenic, Mutagenic or Toxic for Reproduction toxic as defined in 67/548/EEC /根据 67/548/EEC 指令定义为致癌, 致突变和对生殖有毒性
4. ND = Not Detected / ND = 未检出
5. *Result is based on the heavy metal concentration. Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain. / *所得结果是基于样品中重金属含量计算而来. 由于目前技术条件的限制, 无法进行进一步的测试. 强烈建议客户先评估其化学式后再最后确定其结论.
6. **Result is identified by tributyltin (TBT). Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain. / **所得结果是基于样品中三丁基锡含量计算而来. 由于目前技术条件的限制, 无法进行进一步的测试. 强烈建议客户先评估其化学式后再最后确定其结论.



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Note:

1. The limit of 0.1% (w/w) applies to an article. The results were calculated assuming as the submitted sample was an article. However, the results may not be applicable if the intended use of the sample is a substance or mixture. According to REACH, definition of an article, substance and mixture are:
 - i. Article - An object during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition
 - ii. Substance - A chemical element and its compound in the natural state or obtained by any manufacturing process
 - iii. Mixture (Previously known as "Preparation") - A mixture or solution composed of two or more substances
2. In accordance of Article 7 of Regulation (EC) No. 1907/2006 (REACH regulation) – Registration and notification of substances in articles, any producer or importer of articles shall notify ECHA, if a substance meets in criteria in Article 57 and is identified in accordance with Article 59(1), if both (1) the substance is present in those articles in quantities totalling over 1 tonne per producer or importer per year & (2) the substance is present in those articles above a concentration of 0.1% weight by weight (w/w) are met. The information to be notified shall include (a) identity and contact details of the producer or importer, (b) the registration numbers, (c) the identity of the substance and (d) the classification of the substance, (e) a brief description of the use of the substance and (f) the tonnage range of the substance.
3. In accordance of Article 33 of Regulation (EC) No. 1907/2006 (REACH regulation) – Duty to communicate information on substances in articles, any supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance. On request by a consumer the relevant information shall be provided by any supplier of an article free of charge, within 45 days of receipt of the request.
4. Acrylamide (EC No 201-173-7 and CAS No 79-06-1) is also identified as a Substance of Very High Concern by ECHA's Member State Committee. However, pursuant to an Order of the President of the General Court of the European Union, the inclusion of acrylamide in the Candidate List of substances for eventual inclusion in Annex XIV of REACH is suspended until the President of the General Court has made its order terminating the proceedings for interim relief in Case T-1/10 R.

END