

测试报告 (SVHC)

No. SHAEC1104728404

日期: 2011年04月16日 第1页,共6页

Schlenk Metallic Pigments GmbH

上海市松江工业区华加路99号华滨工业园9号厂房

以下测试之样品是由申请者所提供及确认: Decomet 1009/10

SGS工作编号: SP11-010227 - SH

样品接收日期: 2011年04月12日

测试周期: 2011年04月12日 - 2011年04月16日

测试要求: 根据客户要求,

(i) 基于欧洲化学品管理署截止2010年12月15日公布的供授权审议的高关注物质候选清单(根据欧盟第1907/2006号REACH法规), 对46种高关注物质进行筛分测试.

测试结果: 请参见下一页

总结:

| |
|---|
| 根据具体的测试范围和分析技术, 样品中测试的高关注物质浓度都 \leq 0.1%. |
|---|

| |
|------|
| PASS |
|------|

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授权签名



Fan Jingjie, JJ 范晶捷
批准签署人

本报告是发布日期为2011年04月16日编号为SHAEC1104728403 英文检测报告的中文译本。如有异议, 以英文版本为准。

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备注:

- (1) 本报告所涉及的关于特定高关注物质的化学分析是根据欧洲化学品管理署发布的下列文件, 利用现有的分析技术完成的。
http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp
这些文件清单由欧洲化学品管理署评估, 将来可能会有变化。
- (2) 根据欧盟第1907/2006 (EC) 号法规, 如果满足以下两个条件, 如果物质符合第57条中的标准并根据第59条第一款被确定, 物品的任何欧洲制造商或进口商应根据第7条第4款向欧盟化学品管理署进行通报: (a) 候选清单中的物质在物品中的总含量超过1吨/年/生产商或进口商; (b) 候选清单中的物质在物品中的总含量以质量分数计超过0.1% 的浓度。
- (3) 欧盟第1907/2006 (EC) 号法规第33条规定, 含有满足第57条中的标准并根据第59条第一款被确定且质量分数大于0.1%的物质的物品的所有供应商应向物品接受者提供其可获取的充足信息, 以使物品用安全, 这些信息至少包括含有的候选清单中物质的名称。
- (4) 如果样品中SVHC的测试结果超过报告限, 建议客户进一步定量分析检测含有SVHC的组分并且得到SVHC物质的准确浓度。

测试样品:

样品部件外观描述:

| 样品编号 | SGS样品ID | 描述 |
|------|------------------|------|
| 1 | SHA11-047284.001 | 银色液体 |

测试方法:

SGS内部方法- SHTC-CHEM-SOP-97-T, SHTC-CHEM-SOP-302-T, 采用 ICP-OES、GC-MS和UV-VIS分析。

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测试结果:(候选清单中的高关注物质)

| 物质名称 | CAS No. | EC No. | 001 浓度 (%) | RL (%) |
|----------------------------|-----------------------------|------------------------|---------------|--------|
| 2,4-二硝基甲苯 | 121-14-2 | 204-450-0 | ND | 0.050 |
| 乙二醇乙醚 | 110-80-5 | 203-804-1 | ND | 0.050 |
| 乙二醇单甲醚 | 109-86-4 | 203-713-7 | ND | 0.050 |
| 4,4'-二氨基二苯甲烷(MDA) | 101-77-9 | 202-974-4 | ND | 0.050 |
| 2,4,6-三硝基-5-叔丁基间二甲苯(二甲苯麝香) | 81-15-2 | 201-329-4 | ND | 0.050 |
| 丙烯酰胺 | 79-06-01 | 201-173-7 | ND | 0.050 |
| C10-13 氯代烃(短链氯化石蜡) | 85535-84-8 | 287-476-5 | ND | 0.050 |
| 硅酸铝耐火陶瓷纤维* | 650-017-00-8 (Index no.) | - | ND | 0.005 |
| 重铬酸铵* | 7789-09-5 | 232-143-1 | ND | 0.005 |
| 葱 | 120-12-7 | 204-371-1 | ND | 0.050 |
| 葱油* | 90640-80-5 | 292-602-7 | ND | 0.050 |
| 葱油, 葱糊* | 90640-81-6 | 292-603-2 | ND | 0.050 |
| 葱油, 葱糊, 葱馏分* | 91995-15-2 | 295-275-9 | ND | 0.050 |
| 葱油, 葱糊, 轻油* | 91995-17-4 | 295-278-5 | ND | 0.050 |
| 葱油, 含葱量少* | 90640-82-7 | 292-604-8 | ND | 0.050 |
| 邻苯二甲酸丁酯苝酯(BBP) | 85-68-7 | 201-622-7 | ND | 0.050 |
| 邻苯二甲酸二(2-乙基己基)酯 (DEHP) | 117-81-7 | 204-211-0 | ND | 0.050 |
| 氧化双三丁基锡(TBTO) | 56-35-9 | 200-268-0 | ND | 0.050 |
| 硼酸* | 10043-35-3 11113-50-1 | 233-139-2 234-343-4 | ND | 0.005 |

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| 物质名称 | CAS No. | EC No. | 001 浓度 (%) | RL (%) |
|--|--------------------------------------|-------------------------------|---------------|--------|
| 铬酸, 铬酸及重铬酸低聚物, 重铬酸* | 7738-94-5 13530-68-2 | 231-801-5 236-881-5 | ND | 0.005 |
| 三氧化铬* | 1333-82-0 | 215-607-8 | ND | 0.005 |
| 二氯化钴* | 7646-79-9 | 231-589-4 | ND | 0.005 |
| 碳酸钴* | 513-79-1 | 208-169-4 | ND | 0.005 |
| 乙酸钴* | 71-48-7 | 200-755-8 | ND | 0.005 |
| 硝酸钴* | 10141-05-6 | 233-402-1 | ND | 0.005 |
| 硫酸钴* | 10124-43-3 | 233-334-2 | ND | 0.005 |
| 五氧化二砷* | 1303-28-2 | 215-116-9 | ND | 0.005 |
| 三氧化二砷* | 1327-53-3 | 215-481-4 | ND | 0.005 |
| 邻苯二甲酸二丁酯(DBP) | 84-74-2 | 201-557-4 | ND | 0.050 |
| 邻苯二甲酸二异丁酯(DIBP) | 84-69-5 | 201-553-2 | ND | 0.050 |
| 无水四硼酸钠* | 1303-96-4 1330-43-4 12179-04-3 | 215-540-4 | ND | 0.005 |
| 六溴环十二烷(HBCDD) 及其非对映异构 体(α -HBCDD, β -HBCDD, γ -HBCDD) Δ | 25637-99-4 and 3194-55-6 | 247-148-4 and 221-695-9 | ND | 0.050 |
| 铬酸铅* | 7758-97-6 | 231-846-0 | ND | 0.005 |
| 钼铬红(C.I.颜料红104)* | 12656-85-8 | 235-759-9 | ND | 0.005 |
| 砷酸氢铅* | 7784-40-9 | 232-064-2 | ND | 0.005 |
| 铅铬黄(C.I.颜料黄34)* | 1344-37-2 | 215-693-7 | ND | 0.005 |
| 沥青, 煤焦油, 高温* | 65996-93-2 | 266-028-2 | ND | 0.050 |
| 铬酸钾* | 7789-00-6 | 232-140-5 | ND | 0.005 |
| 重铬酸钾* | 7778-50-9 | 231-906-6 | ND | 0.005 |
| 铬酸钠* | 7775-11-3 | 231-889-5 | ND | 0.005 |

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| 物质名称 | CAS No. | EC No. | 001 浓度 (%) | RL (%) |
|---------------|--------------------------------|-----------|---------------|--------|
| 重铬酸钠* | 7789-12-0 and 10588-01-9 | 234-190-3 | ND | 0.005 |
| 水合硼酸钠* | 12267-73-1 | 235-541-3 | ND | 0.005 |
| 三氯乙烯 | 79-01-6 | 201-167-4 | ND | 0.050 |
| 三乙基硼酸酯* | 15606-95-8 | 427-700-2 | ND | 0.005 |
| 磷酸三(2-氯乙基)酯 | 115-96-8 | 204-118-5 | ND | 0.050 |
| 氧化锆硅酸铝耐火陶瓷纤维* | 650-017-00-8 (Index no.) | - | ND | 0.005 |

注释:

- (1) RL = 报告极限值, 所有RL是基于均一材质的测试。
ND = 未检出 (< RL), ND针对化合物。
- (2) Δ 六溴环十二烷(HBCDD) 的非对映异构体 α -HBCDD、 β -HBCDD、 γ -HBCDD的CAS NO分别为134237-50-6、134237-51-7、134237-52-8。
- (3) * 测试结果是由选定的元素或标记物的结果并基于最坏的情况计算得出。详细信息请参见SGS REACH网站:
www.reach.sgs.com/substance-of-very-high-concern-analysis-information-page.htm
硼酸、无水四硼酸钠和水合硼酸钠的结果由ICP-OES测试的总的硼元素、钠元素结果换算得出。
RL = 0.005% 是针对元素(例如钴、砷、铅、钠、铬、铬(VI)、硅、铝、锆、硼和钾), 除了钨的RL= 0.0005%。

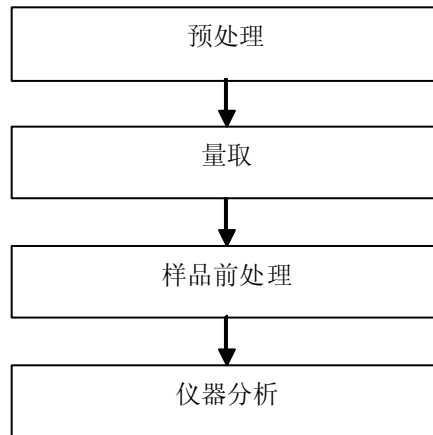
备注: 所示结果为湿样品总重量中的含量

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SVHC 测试流程图

- 1) 分析人员: 徐双/钟艳
- 2) 项目负责人: 连超锋/刘娟



样品照片:



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*** 报告完 ***

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