



测试报告

No. SHAHG1617909001

日期: 2016年08月15日 第1页,共4页

圣华盾防护科技股份有限公司
江苏省江阴市顾山镇锡张路180号

以下测试之样品是由申请者所提供及确认: 小红帽

SGS工作编号: SHHL1608046904SD - SH
样品接收日期: 2016年08月11日
测试周期: 2016年08月11日 - 2016年08月15日
测试要求: 根据客户要求测试
测试方法: 请参见下一页
测试结果: 请参见下一页

测试结果概要:

| 测试要求 | 结论 |
|------|-------|
| pH值 | 见测试结果 |
| 甲醛 | 见测试结果 |
| 偶氮染料 | 符合 |



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批准签署人



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测试结果:

测试样品描述:

| 样品编号 | SGS样品ID | 描述 |
|------|------------------|-------|
| SN1 | SHA16-179090.001 | 红色大身布 |

备注:

- (1) 1 mg/kg = 0.0001%
- (2) MDL = 方法检测限
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

pH值

测试方法: 参考 ISO 3071:2005, 采用pH计进行分析.

| 测试项目 | 单位 | MDL | 001 |
|------|----|-----|-----|
| pH值 | - | - | 7.1 |

甲醛

测试方法: 参照 ISO 14184-1: 2011 方法测定, 采用UV-Vis进行分析.

| 测试项目 | 单位 | MDL | 001 |
|------|-------|-----|-----|
| 甲醛 | mg/kg | 16 | ND |

偶氮染料

测试方法: 参照EN 14362-1:2012 - 采用GC-MS/HPLC-DAD 进行分析.

| 测试项目 | CAS NO. | 限值 | 单位 | MDL | 001 |
|-------------|---------|----|-------|-----|-----|
| 4-氨基联苯 | 92-67-1 | 30 | mg/kg | 5 | ND |
| 联苯胺 | 92-87-5 | 30 | mg/kg | 5 | ND |
| 4-氯邻甲苯 | 95-69-2 | 30 | mg/kg | 5 | ND |
| 2-萘胺 | 91-59-8 | 30 | mg/kg | 5 | ND |
| 邻氨基二甲基偶氮苯 | 97-56-3 | 30 | mg/kg | 5 | ND |
| 2-氨基-4-硝基甲苯 | 99-55-8 | 30 | mg/kg | 5 | ND |



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| 测试项目 | CAS NO. | 限值 | 单位 | MDL | 001 |
|-----------------------|----------|----|-------|-----|-----|
| 对氯苯胺 | 106-47-8 | 30 | mg/kg | 5 | ND |
| 2, 4-二氨基苯甲醚 | 615-05-4 | 30 | mg/kg | 5 | ND |
| 4,4'-二氨基二苯甲烷 | 101-77-9 | 30 | mg/kg | 5 | ND |
| 3,3'-二氯联苯胺 | 91-94-1 | 30 | mg/kg | 5 | ND |
| 3,3'-二甲氧基联苯胺 | 119-90-4 | 30 | mg/kg | 5 | ND |
| 3,3'-二甲基联苯胺 | 119-93-7 | 30 | mg/kg | 5 | ND |
| 3,3'-二甲基-4,4'-二氨基二苯甲烷 | 838-88-0 | 30 | mg/kg | 5 | ND |
| 3-氨基对甲苯甲醚 (p-克利酞) | 120-71-8 | 30 | mg/kg | 5 | ND |
| 4,4'-次甲基-双-(2-氯苯胺) | 101-14-4 | 30 | mg/kg | 5 | ND |
| 4,4'-二氨基二苯醚 | 101-80-4 | 30 | mg/kg | 5 | ND |
| 4,4'-二氨基二苯硫醚 | 139-65-1 | 30 | mg/kg | 5 | ND |
| 邻甲苯胺 | 95-53-4 | 30 | mg/kg | 5 | ND |
| 2,4-二氨基甲苯 | 95-80-7 | 30 | mg/kg | 5 | ND |
| 2,4,5-三甲苯胺 | 137-17-7 | 30 | mg/kg | 5 | ND |
| 4-氨基偶氮苯 | 60-09-3 | 30 | mg/kg | 5 | ND |
| 邻甲氧基苯胺 | 90-04-0 | 30 | mg/kg | 5 | ND |
| 结论 | | | | | 符合 |

备注:

(1) EN 14362-1:2012 方法使4-氨基偶氮苯(CAS No:60-09-3)在本实验条件下进一步裂解为非禁用的胺:苯胺或1,4-苯二胺. 如果经上述测试方法没有检出苯胺和/或1,4-苯二胺(i.e. <5mg/kg), 则认为4-氨基偶氮苯(CAS No:60-09-3) "未检出" (i.e. <5mg/Kg). 否则, 将采用EN 14362-3:2012 方法验证4-氨基偶氮苯的存在.

(2) "最大限量"由修订REACH 法规 (EC) No 1907/2006 附录 XVII(取代先前2002/61/EC)的法规 (EC) No 552/2009中条例43指定.

(3) 4 氨基联苯(CAS No. 92-67-1), 2 萘胺(CAS number 91-59-8), 2,4 二氨基苯甲醚(CAS No. 615-05-4) 有检出时, 如果没有进一步的信息 (如染料的化学结构) 提供, 并不能确认使用了禁用的偶氮染料.

(4) 当样品中含有聚氨酯材料 (如含PU泡沫、PU涂层和PU胶印) 时, 某些胺类, 若4,4' 二氨基二苯甲烷(MDA, CAS No. 101-77-9) 和 2,4 二氨基甲苯(TDA, CAS No. 95-80-7) 有检出, 并不能确认其来自PU材料而非禁用偶氮染料.

(5) 当样品中含有胶印时, 若4,4' 二氨基二苯甲烷(MDA, CAS No. 101-77-9) 有检出, 需要注意该物质可能不是来源于禁用的偶氮染料, 而是来源于其它物料, 如化学固色剂.

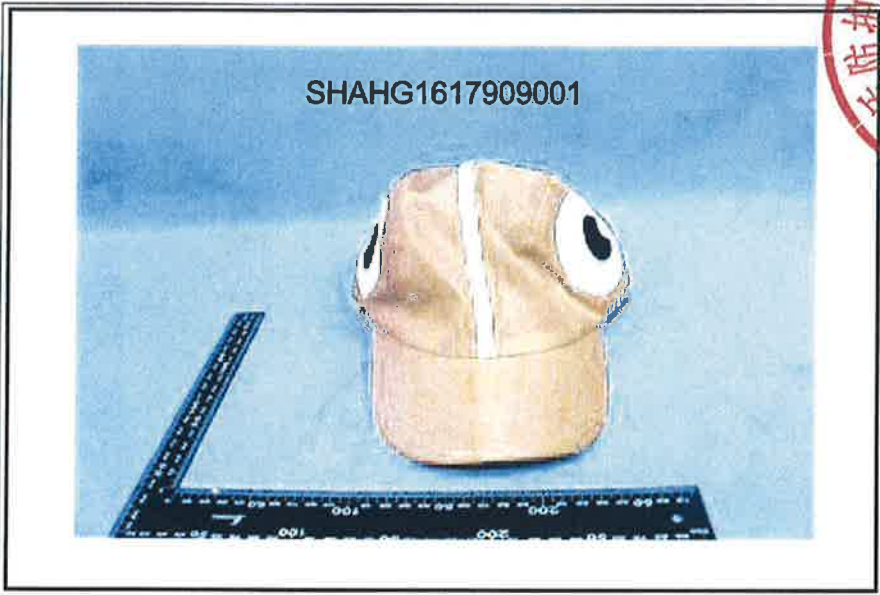
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样品照片:



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