

测试报告

No. SH9024283/ CHEM

Date: Feb. 26, 2009

Page 1 of 6

东爵有机硅(南京)有限公司
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委托检验的样品及客户对样品的说明如下:

样品名称 : 混炼胶
SGS 相关号 : 11619459-3
型号 : NE-160
可覆盖型号 : 见附件
主要成份 : 硅橡胶, 二氧化硅

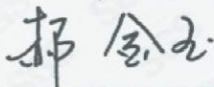
样品收到日期 : 2009-02-20
样品试验日期 : 2009-02-20—2009-02-26

试验要求 : 基于欧洲化学品管理署于 2008 年 10 月 28 日公布的高关注物质清单 (根据欧盟第 1907/2006 号 (REACH) 法规), 测试 15 种高关注物质的含量。

试验方法 : 见后续页

总结 : 根据具体的测试范围和分析技术, 样品中 15 种高关注物质的含量都低于 0.1%。

SGS-CSTC 化学实验室授权签字



郝金玉
实验室经理

本报告是发布日期为 2009 年 02 月 26 日编号为 SH9024282/CHEM 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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SHCHEM 2432191

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No. SH9024283/ CHEM

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Page 2 of 6

测试样品:

样品描述: 白色固体块

备注:

1. 附录 A 是根据欧盟 67/548/EEC 指令和第 1907/2006 (EC) 号法规, 关于物质分类的定义。

备注:

1. 本报告所涉及的关于 15 种高关注物质的化学分析是基于根据欧洲化学品管理署于 2008 年 10 月 28 日公布的清单, 利用现有的分析技术所完成的。具体参考 http://echa.europa.eu/consultations/authorisation/svhc/svhc_cons_en.asp。这个清单目前正在处于评估阶段, 将来可能会有所改变。环十二烷在测试期间并未列于 SVHC 清单之内。
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) 物质在物品中的总含量超过 1 吨/年/生产商或进口商; (b) 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, 以使物品使用安全, 这些信息至少包括物质的名称。

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试验结果:

物质名称	CAS No	测试方法	浓度 (mg/kg)	MDL (mg/kg)	分类
短链氯化石蜡(C10-13)	85535-84-8	参照 EPA 8082A:2007, 8081B:2007 GC-MS	ND	50	持续性, 生物累积性及毒性物质(PBT)
萘	120-12-7	参照 ZEK 01.1-08,GC-MS	ND	0.2	持续性, 生物累积性及毒性物质(PBT)
邻苯二甲酸丁苯酯	85-68-7	参照 EN 14372:2004, GC-MS	ND	30	第二类生殖毒性物质
邻苯二甲酸二(2-乙基己基)酯	117-81-7	参照 EN 14372: 2004, GC-MS	ND	30	第二类生殖毒性物质
氧化双三丁基锡**	56-35-9	参照 BS ISO 17353: 2004, GC-MS	ND	30	持续性, 生物累积性及毒性物质(PBT)
二氯化钴*	7646-79-9	参照 EPA 3052:1996 ,ICP-AES 和 IC	ND	5	第二类致癌物
4,4'-二氨基二苯甲烷	101-77-9	参照 EN 14362-1:2003, HPLC/LC-MS	ND	20	第二类致癌物
五氧化二砷*	1303-28-2	参照 EPA 3052:1996 , ICP-AES	ND	10	第一类致癌物
三氧化二砷*	1327-53-3	参照 EPA 3052:1996 , ICP-AES	ND	10	第一类致癌物
邻苯二甲酸二丁酯	84-74-2	参照 EN 14372: 2004, GC-MS	ND	30	第二类生殖毒性物质
六溴环十二烷(HBCDD) 及其非对映异构体 (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4 和 3194-55-6(134237-51-7,134237-50-6,134237-52-8)	参照 EPA 3550C: 2007, GC-MS	ND	5	持续性, 生物累积性及毒性物质(PBT)
砷酸氢铅*	7784-40-9	参照 EPA 3052:1996 , ICP-AES	ND	10	第一类致癌物; 第一类生殖毒性物质
重铬酸钠*	7789-12-0 10588-01-9	参照 EPA 3060A:1996, UV-Vis	ND	2	第二类致癌物; 第二类诱导有机体突变的物质; 第二类生殖毒性物质
二甲苯麝香	81-15-2	参照 EPA 3550C: 2007, GC-MS	ND	10	非常持久, 高度生物累积性物质
三乙基砷酸盐*	15606-95-8	参照 EPA 3052:1996 , ICP-AES	ND	10	第一类致癌物

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备注:

- *二氯化钴的结果由重金属元素和阴离子的测试结果换算得出。五氧化二砷、三氧化二砷、重铬酸钠、砷酸氢铅和三乙基砷酸盐的结果由重金属元素的测试结果换算得出。判断样品中是否含有以上金属化合物还需要进一步确认。
其 MDL 是针对元素(例如:砷,铅,钴或六价铬)的评估得到的。
- **氧化双三丁基锡的结果由三丁基锡的测试结果换算得出。该结果为氧化双三丁基锡的筛选结果,包括氧化双三丁基锡和其盐类。如果需确定氧化双三丁基锡的确切含量,则需要进一步确认。
其 MDL 是针对三丁基锡的评估得到的。
- mg/kg = ppm; 0.1wt% = 1000 ppm
- ND=未检出
- MDL =检测极限值

附件

可覆盖型号

: NE-10, NE-20
 NE-131, NE-141, NE-151, NE-161, NE-171, NE-181
 NE-130, NE-140, NE-150, NE-160, NE-170, NE-180
 NE-7130, NE-7140, NE-7150, NE-7160, NE-7170, NE-7180
 NE-5130, NE-5140, NE-5150, NE-5160, NE-5170, NE-5180
 NE-251, NE-261, NE-271, NE-281
 NE-250, NE-260, NE-270, NE-280
 NE-7250, NE-7260, NE-7270, NE-7280
 NE-8135, NE-8141, NE-8151, NE-8161, NE-8171
 NE-341, NE-345, NE-351, NE-3250, NE-3260, NE-3270
 NE-631, NE-641, NE-651, NE-661, NE-671, NE-681
 NE-G121, NE-G131, NE-G141, NE-G151, NE-G161, NE-G171, NE-G181
 NE-G140, NE-G150, NE-G160, NE-G170
 NE-9130, NE-9140, NE-9150, NE-9160, NE-9170, NE-9180
 NE-9250, NE-9260, NE-9270, NE-9280
 NE-9330, NE-9340, NE-9350, NE-9360, NE-9370, NE-9380
 NE-9430, NE-9440, NE-9450, NE-9460, NE-9470, NE-9480
 NE-1130, NE-1140, NE-1150, NE-1160, NE-1170
 NE-1230, NE-1240, NE-1250, NE-1260, NE-1270
 NE-1330, NE-1340, NE-1350, NE-1360, NE-1370

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SHCHEM 2432194

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附录 A

分类	67/548/EEC 指令和第 1907/2006/EC 法规中的定义
第一类致癌物	已经为人类熟知对人有致癌作用。有充分证据可以建立癌症的发展和人与该类物质接触之间的因果联系。
第二类致癌物	物质如果对人具有致癌作用,则被认为是该类物质。有足够的证据可以充分假定人与该类物质直接接触可以致癌。 基于: - 适当长期的动物实验 - 其它相关信息。
第一类诱导有机体突变的物质	已经为人类熟知可以致基因突变的物质。有充分证据可以建立长期基因损害和人与该类物质接触之间的因果联系。
第二类诱导有机体突变的物质	物质如果对人具有致基因突变作用,则被认为是该类物质。有足够的证据可以充分假定人与该类物质直接接触可以致基因损害。 基于: - 适当长期的动物实验 - 其它相关信息
第一类生殖毒性物质	已经为人类熟知可以降低人的生殖能力。有充分证据可以建立人生殖能力降低和人与该类物质接触之间的因果联系。 已经为人类熟知对人体有毒。有充分证据可以建立人体暴露于物质与不断发展的毒副作用之间的联系。
第二类生殖毒性物质	物质如果有减弱人的生殖能力的作用,则被认为是该类物质。有足够的证据可以充分假定人与该类物质直接接触可以减弱人的生殖能力,基于: - 动物实验研究明确的证明在没有毒性时可以降低生殖能力,或者在相同给药水平时,与其它毒性同时表现出,但是不是其它毒性的二级非特定结果; - 其它相关信息 如果物质对人类有长期的毒性,则被认为是该类物质。有足够的证据可以充分假定人暴露与该类物质会引起长期毒性。一般基于: - 适当的动物实验研究表明具有生殖毒性,或者在相同给药水平时,不是其它毒性的二级非具体毒性结果 - 其它相关信息。
持续性,生物累积性及毒性物质;非常持久,高度生物累积性物质	持续性,生物累积性及毒性物质和非常持久,高度生物累积性物质将会给化学品安全管理带来很大的挑战。对这些物质来说,没法建立充分可靠的对环境安全的浓度。

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