



2010, 07

## 欧洲化学品管理局公布8种新增的高度关注物质

2010年6月18日，欧洲化学品管理局(ECHA)公布了8种新增的高度关注物质(SVHC)。

经过成员国委员会的一致同意，ECHA将8种SVHC添加到候选清单，目前清单一共包含38种SVHC。所有新增的8种SVHC可能对人体健康造成严重影响，它们是致癌、诱导有机体突变或对生殖系统有毒害的物质。

随后一个特别的程序将被启动，以决定这些物质是否应该被包含到许可清单。

**Intertek提示相关企业对以下38种高度关注物质予以重视（表格中的后8项为新增物质）：**

化学品名称	CAS No.	可能的用途
4,4'-二氨基二苯基甲烷	101-77-9	PCB环氧树脂的固化剂、PU配制品、服装中的偶氮染料
二甲苯麝香	81-15-2	化妆品和皂用香料
短链氯化石蜡	85535-84-8	皮革中的涂层、PVC和氯化橡胶中的增塑剂，纺织品和塑料的阻燃剂
蒽	120-12-7	染料来源
五氧化二砷	1303-28-2	杀虫剂、除草剂、木材防腐剂、涂彩杯子、染料和颜料
三氧化二砷	1327-53-3	除草剂、木材防腐剂、特殊玻璃的加工
邻苯二甲酸二辛酯 (DEHP)	117-81-7	PVC，树脂等塑料制品的增塑剂
双三丁基氧化锡 (TBTO)	56-35-9	杀虫剂，涂料中的杀真菌剂
邻苯二甲酸丁苯酯 (BBP)	85-68-7	用作树脂、PVC、丙烯酸树脂的增塑剂
二氧化钴	7646-79-9	硅胶中的湿度指示剂、吸收剂
邻苯二甲酸二丁酯 (DBP)	84-74-2	粘合剂和纸张涂层的增塑剂，纺织品中的杀虫剂
六溴环十二烷以及所有主要的非对映异构体( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD)	25637-99-4; 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	纺织品和HIPS中的阻燃剂
酸式磷酸铅	7784-40-9	驱虫剂
重铬酸钠	7789-12-0 10588-01-9	皮革中的铬镀，颜料阻蚀剂，纺织染料工业中的媒染剂
三乙基磷酸酯	15606-95-8	半导体的中间产物
葱油	90640-80-5	涂料，防腐油，杀虫剂
葱油，葱糊，轻油	91995-17-4	
葱油，葱糊，葱馏分	91995-15-2	
葱油，含葱量少	90640-82-7	
葱油，葱糊	90640-81-6	
邻苯二甲酸二异丁酯 (DIBP)	84-69-5	增塑剂
2,4-二硝基甲苯	121-14-2	用于制造炸药、聚氨酯塑料、有机体合成和染料
铬酸铅	7758-97-6	涂料、颜料、橡胶和塑料的着色剂
钼铬红、钼红 (C.I. 颜料红 104)	12656-85-8	用作涂料，颜料和塑料的添加剂



化学品名称	CAS No.	可能的用途
铬橙 (C.I. 颜料黄 34)	1344-37-2	涂料、颜料和塑料的着色剂
煤沥青, 高温	65996-93-2	涂料, 防潮层
三(2-氯乙基)磷酸酯 (TCEP)	115-96-8	阻燃剂、阻燃性增塑剂
硅酸铝耐火纤维	Index number 650-017-00-8	用于冶金、电力、石油、化工和陶瓷等领域
氧化锆耐火纤维	Index number 650-017-00-8	
丙烯酸胺	79-06-1	丙烯酸胺几乎专门用于聚丙烯酰胺的合成。聚丙烯酰胺的用途比较广泛, 尤其是废水处理 and 纸张加工。丙烯酸胺的其它小量使用包括科研用聚丙烯酰胺凝胶体的制备, 以及用于土木工程的灌浆材料。
三氯乙烯	79-01-6	用于金属脱脂洗剂、粘合剂中的溶剂、氯化化和氟化有机化合物生产中的介质
硼酸	10043-35-3 11113-50-1	用于生物杀虫剂和防腐剂、个人护理产品、食品添加剂、玻璃、陶瓷、橡胶、化肥、阻燃剂、涂料、工业流体、制动液、焊接产品、冲印剂
无水四硼酸钠	1330-43-4 12179-04-3 1303-96-4	用于玻璃和玻璃纤维、陶瓷、清洁剂和去污剂、个人护理产品、工业流体、冶金、粘合剂、阻燃剂、生物杀虫剂和防腐剂
七水合四硼酸钠	12267-73-1	
铬酸钠	7775-11-3	用于其它铬化合物的生产
铬酸钾	7789-00-6	<ul style="list-style-type: none"> <li>* 金属的处理和涂层</li> <li>* 试剂和化学品的生产</li> <li>* 纺织品的生产</li> </ul>
重铬酸铵	7789-09-5	<ul style="list-style-type: none"> <li>* 氧化剂</li> <li>* 鞣皮</li> </ul>
重铬酸钾	7778-50-9	<ul style="list-style-type: none"> <li>* 铬合金的生产</li> <li>* 金属的处理和涂层</li> <li>* 试剂和化学品的生产</li> </ul>
		<ul style="list-style-type: none"> <li>* 陶瓷的着色剂</li> <li>* 皮革的鞣皮和抛光</li> <li>* 颜料/油墨的生产</li> <li>* 纺织品的生产</li> <li>* 感光胶片的生产(阴极射线管)</li> <li>* 实验室玻璃器皿的清洁</li> <li>* 鞣皮</li> <li>* 纺织品的生产</li> </ul>
		<ul style="list-style-type: none"> <li>* 烟火制造</li> <li>* 金属处理</li> <li>* 照相平版印刷</li> <li>* 木材的处理</li> <li>* 制冷系统中的防腐剂</li> </ul>

### 解决方案:

Intertek是全球领先的质量和安全管理机构, 为众多行业提供专业创新的解决方案。为帮助客户识别制品和物品中的SVHC, Intertek开发了部件中高风险化学品的筛查和验证方法, 包括使用XRF、ICP和GC-MS技术。SVHC筛查测试是证明产品符合SVHC供应链沟通要求的一项节省成本的方法。

### 区域联络

#### 深圳

电话: +86 755 2602 0064  
传真: +86 755 26837118/9  
E-mail: consumergoods.shenzhen@intertek.com

#### 广州

电话: +86 20 3210 2281  
传真: +86 20 3220 6081  
E-mail: consumergoods.guangzhou@intertek.com

#### 上海

电话: +86 21 6091 7610  
传真: +86 21 6127 9740  
E-mail: consumergoods.shanghai@intertek.com

#### 厦门

电话: +86 592 8080052  
传真: +86 592 8060054  
E-mail: consumergoods.xiamen@intertek.com

订阅更多信息, 请登录我们的网站注册: <http://www.intertek.com.cn/about/subscribe.aspx>.

免责声明: 本公司已尽一切努力确保上述信息准确可靠, 但对其内容的准确性、真实性及合法性不做任何形式的担保; 阅读者在重要事项上源引相关信息时, 应自行分析审慎判断。



July, 2010

## ECHA adds 8 substances to the Candidate List for authorisation

18 June 2010, the European Chemicals Agency (ECHA) has added 8 chemical substances to the Candidate List of Substances of Very High Concern (SVHC) for authorisation.

Following the unanimous agreement of the Member State Committee, ECHA is adding 8 substances on the Candidate List, which now contains 38 substances in total. All 8 new SVHC are potentially serious effects on human health, which are carcinogenic, mutagenic or reprotoxic (CMR) substances.

A specific procedure will be followed to decide whether the substances should also be included in the authorisation list.

**Intertek calls your attention to the following 38 SVHCs (the last 8 substances in the table are newly added):**

Chemical Name	CAS No.	Possible Application
4,4'-Diaminodiphenylmethane	101-77-9	Curing agent for epoxy resin in PCB, preparation of PU, azo dyes in garments
5-tert-butyl-2,4,6-trinitro-m-xylene	81-15-2	Cosmetics and soap perfumes
Alkanes, C10-13 chloro (short chain chlorinated paraffins)	85535-84-8	Leather coating, plasticizer in PVC and chlorinated rubber, flame retardant in plastic & textiles
Anthracene	120-12-7	Source of dyestuff
Diarsenic pentaoxide	1303-28-2	Insecticides, weed killer, wood preservatives, coloured glass, dyeing and printing
Diarsenic trioxide	1327-53-3	Weed killers, timber preservatives, manufacture of special glass
Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	Plasticizer for resin, PVC, blister
Bis(tributyltin)oxide (TBTO)	56-35-9	Pesticide, fungicide in paint
Benzyl butyl phthalate (BBP)	85-68-7	Plasticizer for resin, PVC, acrylics
Cobalt dichloride	7646-79-9	Moisture indicator in silica gel, absorbent
Dibutyl phthalate (DBP)	84-74-2	Plasticizer, in adhesives and paper coatings; insect repellent for textiles
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD)	25637-99-4; 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	Flame retardant used in HIPS and textiles
Lead hydrogen arsenate	7784-40-9	Insecticides
Sodium dichromate	7789-12-0 10588-01-9	Chrome-tanning of leather, corrosion inhibitor in paints, mordant in textile dyeing process
Triethyl arsenate	15606-95-8	Intermediates for semi-conductor
Anthracene oil	90640-80-5	Paint, preservative oil, insecticide
Anthracene oil, anthracene paste, distn. Lights	91995-17-4	
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	
Anthracene oil, anthracene-low	90640-82-7	
Anthracene oil, anthracene paste	90640-81-6	
Diisobutyl phthalate (DIBP)	84-69-5	Plasticizer
2,4-Dinitrotoluene	121-14-2	Manufacture of explosives, polyurethane plastics, organic synthesis, dyes
Lead chromate	7758-97-6	Used as colorant in painting, printing inks, rubber and plastic
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12656-85-8	Used as additives for painting and coatings, printing inks and in plastics



Chemical Name	CAS No.	Possible Application
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	Used as colorant in painting, printing inks and plastic
Pitch, coal tar, high temperature	65996-93-2	Paint, moisture seal
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	Flame retardant, plasticizer
Aluminosilicate, Refractory Ceramic Fibres	Index number 650-017-00-8	Used in metallurgy, electricity, petroleum, chemical, chinaware production
Zirconia Aluminosilicate, Refractory Ceramic Fibres	Index number 650-017-00-8	
Acrylamide	79-06-1	Acrylamide is almost exclusively used for the synthesis of polyacrylamides, which are used in various applications, in particular in waste water treatment and paper processing. Minor uses of acrylamide comprise the preparation of polyacrylamide gels for research purposes and as a grouting agent in civil engineering.
Trichloroethylene	79-01-6	Cleaning and degreasing of metal parts, Solvent in adhesives, Intermediate in the manufacture of chlorinated and fluorinated organic compounds
Boric acid	10043-35-3 11113-50-1	In biocides and preservatives, personal care products, food additives, glass, ceramics, rubber, fertilisers, flame retardants, paints, industrial fluids, brake fluids, soldering products, film developers.
Disodium tetraborate, anhydrous	1330-43-4 12179-04-3 1303-96-4	In glass and glass fibres, ceramics, detergents and cleaners, personal care products, industrial fluids, metallurgy, adhesives, flame retardants, biocides, fertilizers
Tetraboron disodium heptaoxide, hydrate	12267-73-1	
Sodium chromate	7775-11-3	Manufacture of other chromium compounds
Potassium chromate	7789-00-6	* Treatment and coating of metals * Colouring agent in ceramics * Pyrotechnics * Manufacture of reagents and chemicals * Tanning and dressing of leather * Manufacture of textiles * Manufacture of pigments/inks
Ammonium dichromate	7789-09-5	* Oxidising agent * Manufacture of photosensitive screens (cathode ray tubes) * Tanning of leather * Metal treatment * Manufacture of textiles
Potassium dichromate	7778-50-9	* Chrome metal manufacturing * Manufacture of textiles * Treatment and coating of metals * Photolithography * Manufacture of reagents and chemicals * Wood treatment * Cleaning of laboratory glassware * Corrosion inhibitor in cooling systems * Tanning of leather

### Our Solution:

Intertek is a leading provider of quality and safety solutions serving a wide range of industries around the world. To help identify the presence of SVHCs in both preparations and articles, Intertek has developed methods in screening and verifying components for high-risk chemicals, including the use of XRF, ICP and GC-MS techniques. The SVHCs screening test provides a cost-effective alternative to demonstrating that products are in compliance with the SVHCs Supply Chain Communication requirements.

### Regional Contacts

#### Shenzhen

Tel: +86 755 2602 0064  
Fax: +86 755 26837118/9  
E-mail: consumergoods.shenzhen@intertek.com

#### Guangzhou

Tel: +86 20 3210 2281  
Fax: +86 20 3220 6081  
E-mail: consumergoods.guangzhou@intertek.com

#### Shanghai

Tel: +86 21 6091 7610  
Fax: +86 21 6127 9740  
E-mail: consumergoods.shanghai@intertek.com

#### Xiamen

Tel: +86 592 8080052  
Fax: +86 592 8060054  
E-mail: consumergoods.xiamen@intertek.com

To receive more of this kind of information, please register at: <http://www.intertek.com.cn/about/subscribe.aspx>.

**Disclaimer:** Intertek Testing Services made all reasonable efforts to ensure the accuracy of the information. However, the information provided should not be relied upon as legal advice or regarded as a substitute for legal advice. The reader should exercise his own care and judgment before relying on this information in any important matter.