

美国加州65提案

挑战

加州65提案是什么？

加州65提案，也称1986年加州安全饮用水及有毒物质强制法，其目的是减少有毒化学品的危害、保护公众健康、减少有害化学品可能引起的癌症及生殖系统受损。

加州65提案的要求？

根据65提案的要求，加州政府相关机构应发布一份可能导致癌症、出生缺陷或其它生殖损害的化学物质清单。该清单必须至少每年更新一次，目前已包含超过800种化学物质。该清单涵盖的化学品种类非常广泛，包括染料、溶剂、杀虫剂、药品、食品添加剂，以及某些工业及制造业生产过程的副产品等。这些化学品有些是自然生成的，有些是合成的。

65提案对加州所有企业都有约束力，但员工人数少于十人的公司除外。根据本法案的要求，商家不得在知情、且无事先清晰合理的警告的情况下，使消费者接触到任何已知可能导致癌症或生殖危害的化学品。

制造商会受到什么影响？

由于该清单包含了超过800种的受限化学物质，所以制造商几乎不可能确保自己的产品不含有任何此类化学物质。因此法令要求，如果产品含有任何受限的化学物质，制造商须在产品及/或其包装上加注适当的警告。如果制造商不想在产品上加注警告，可以选择其它方式减少产品的危害，比如减少原材料中有害物质的含量，或者增加生产程序，消除有害物质等。

我们的解决方案

每年，世界各国的公共环境组织及私人法律机构大约发布并执行上千份与加州65提案相关的文件及规定，所以企业有必要全面了解本法案的内容及要求，并采取相应措施，达到警告标签的要求。Intertek天祥集团在风险控制和管理方面拥有多年的专业技术和经验，可以为您提供完善的加州65提案解决方案，产品范围涵盖玩具、儿童护理产品、自行车、箱包、珠宝、瓷器和玻璃制品、家居装饰产品等。请见详细案例分析。





产 品	要 求	标 签
瓷器(带有外部装饰): 非食品及饮料用产品, 包括花瓶、烛台、烟灰 缸、杯垫、餐巾圈、中 心装饰品、三脚铁架、 节日装饰物、纪念品/ 音乐盒、装饰瓷砖、笔 筒、文具、相框、小雕 像、香波瓶、牙具架、 香皂盒、纸巾盒、花园 装饰品、花盆、墙壁挂 件、灯、宠物食盘、玻 璃吊饰	所有装饰区域: (a) 使用NIOSH 9100 铅 \leq 4.0ug 镉 \leq 32.0ug 或者 (b) 使用完全浸没测试 铅 \leq 0.99ppm 镉 \leq 7.92ppm 或者 (c) 使用EPA方法3050B 铅 \leq 0.06% 镉 \leq 0.48%	65提案警告: 本产品 外部彩色装饰所用的 材料含有铅和/或镉, 加州政府认为这些化 学物质可能造成出生 缺陷或其它生殖损害。

相关服务

Intertek天祥集团拥有广泛的全球网络和优质的本地资源，通过与客户的紧密合作，为客户提供全面的65提案解决方案及相关服务：

培训及研讨会 Intertek与世界各地的政府、行业组织及社团合作多年，在科研、专利产品开发等方面积累了丰富的知识、技术和经验。我们通过培训及研讨会，与客户分享这些知识和经验。

供应链开发及管理 Intertek提供全面的商业解决方案，涵盖产品流程的各个层面，包括概念、设计、工程、生产及销售等，并且能够融入现有的生产流程当中。同时，Intertek还可以与您的供应链伙伴密切合作，确保所有程序的有效实施。

产品风险评估 作为全球生产及零售业风险评估服务的领先者，Intertek通过将BOM和所有MSDS表格进行对比的方式，准确发现65提案限制使用的有害化学物质。Intertek可以与客户合作，设定产品中有害化学物质的含量限值、进行确认性测试，从根本上提高您产品的安全性。

标签 Intertek可以帮助客户制作内容准确恰当的警告标签，显示企业对消费者的责任心，从而赢得消费者的长久信赖。

关于Intertek

Intertek天祥集团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。

我们的服务涉及几乎所有行业，包括纺织、玩具、电子、建筑、加热设备、医药、石油、食品和货物扫描等，可以为产品、货物和体系提供包括测试、检验、认证在内的一系列服务。

Intertek在超过100个国家拥有1,000多家实验室和办事处，超过26,000名的员工，凭借专业技术、资源和全球网络，为客户提供最优质的服务。

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California Proposition 65



The Challenge

What is Proposition 65?

California voters approved California's Safe Drinking Water and Toxic Enforcement Act of 1986, also known as Proposition 65, to address growing concerns about exposures to toxic chemicals. The purpose was to improve public health by reducing incidents of cancer and adverse reproductive outcomes that could result from exposure to potentially hazardous chemicals.

What does Proposition 65 require?

Proposition 65 requires the governor's office to publish a list of chemicals known by the state of California to cause cancer, birth defects, or other reproductive harm. The list is updated at least once a year and currently has over 800 chemicals listed. The list contains a wide range of chemicals, including dyes, solvents, pesticides, drugs, food additives, and by-products of certain industrial and manufacturing processes. These chemicals may be naturally occurring or synthetic.

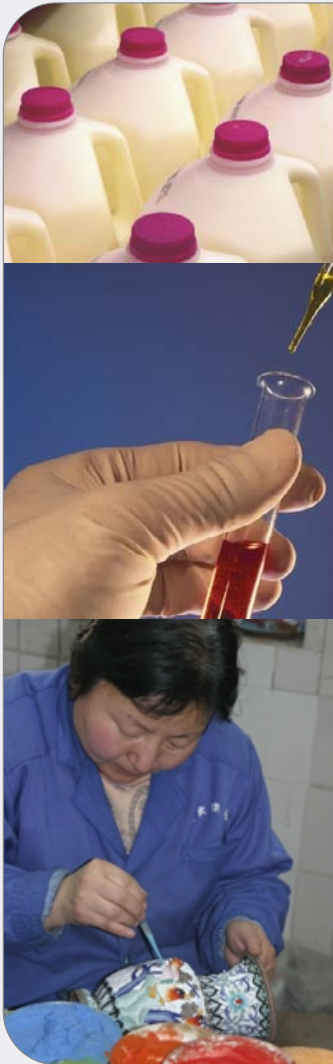
Proposition 65 applies to anyone doing businesses in California, except for companies with less than 10 employees. Under this Act, no person in the course of doing business shall knowingly and intentionally expose any individual to a chemical known to the state to cause cancer or reproductive toxicity without first giving clear and reasonable warning to such individual.

How are manufacturers affected?

Since the list contains more than 800 restricted chemicals, it is nearly impossible for manufacturers to ensure that their products are free from these chemicals. Therefore manufacturers are required to affix an appropriate warning to their product and/or packaging if any of these chemicals are present. If a manufacturer does not want a product to bear this warning, options include reducing the exposure by limiting the listed chemicals of incoming raw materials, or adding processing steps to remove the listed chemicals.

Our Solution

About 1,000 filings are enforced each year either by mainstream environmental groups or private law firms. Being both educated on the requirements of this act as well as taking the necessary steps to be compliant through appropriate warning labels, etc is a must. Intertek can offer you solutions for Proposition 65 utilizing our full knowledge and experience on past risks and cases that have occurred. Product scope: toys, childcare products, bicycle, bags and luggage, jewellery, ceramics and glass ware, home furnishing etc. An example of such is provided overleaf.



Products	Requirement	Labelling
Ceramicware (Externally decorated): Non-Food & Beverage use Products, include vases, votive holders, ashtrays, coasters, napkin rings, centerpieces, trivets, holiday ornaments, keepsake/music boxes, decorative tiles, pencil holders, desk sets, picture frames, figurines, soap dispensers, toothbrush holders, soap dishes, tissue caddies, garden ornaments, flower pots, plant holders, wall hangings, lamps, pet dishes, sun catchers	<p>All decorated Area:</p> <p>(a) By using NIOSH 9100 Lead $\leq 4.0\mu\text{g}$ Cadmium $\leq 32.0\mu\text{g}$</p> <p>OR</p> <p>(b) By using Total Immersion Test Lead $\leq 0.99\text{ppm}$ Cadmium $\leq 7.92\text{ppm}$</p> <p>OR</p> <p>(c) By EPA Method 3050B Lead $\leq 0.06\%$ Cadmium $\leq 0.48\%$</p>	<p>PROP65 WARNING:</p> <p>The materials used as colored decorations on the exterior of this product contain lead and/or cadmium, chemicals known to the State of California to cause birth defects or other reproductive harm.</p>

Related Services

Intertek can partner with you regarding issues arising from Proposition 65 offering the following services anywhere across the globe:

Training & Education Intertek will provide you access to the unparalleled knowledge and insights we have developed through years of experience, research, proprietary product modeling, and shared knowledge partnerships with safety, business, medical, and government associations as well as communities worldwide.

Supply Chain Process Development & Management Intertek will offer you business solutions that integrate into every facet of your business process from concept, design, and engineering through to manufacturing and distribution. Intertek will work with your supply chain partners step by step to ensure both assimilation and implementation of the process is complete and transparent across all streams.

Product Risk Assessment As a world leader in risk assessment services for production and retail sectors, Intertek will precisely identify all and any chemicals at risk by comparing BOMs & all MSDS forms against the Prop 65 list. Intertek will partner with you to establish both exposure limits and legal precedence as well as conduct all verification testing to essentially advance the safety of your products for the future.

Labelling Intertek will work with you to formulate the most accurate and appropriate warning labels instilling peace of mind for your company and most importantly, your end consumer.



About Intertek

Intertek is a leading provider of quality and safety solutions serving a wide range of industries around the world.

Our services take us into almost every field imaginable, such as textiles, toys, electronics, building, heating, pharmaceuticals, petroleum, food and cargo scanning. Intertek provides testing, inspection and certification of products, commodities and systems and a range of other services.

Intertek has the expertise, resources and global reach to support its customers through our network of more than 1,000 laboratories and offices and over 26,000 people in more than 100 countries around the world.

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