SGS SAFEGUARDS HARDLINES

SGS CONSUMER TESTING SERVICES

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New Proposition 65 requirements on Glassware and Ceramicware

The Safe Drinking Water and Toxic Enforcement Act of 1986, commonly known as Proposition 65, requires warning to be given to consumers when a product exposes a chemical known to the State of California to cause cancer or reproductive toxicity. Known chemicals are published by the State, lead and cadmium are one of the listed chemicals.

Recent litigation under Proposition 65 has resulted in a new tentative court settlement called "Opt-In Settlement". The settling defendants and anyone who decides to "Opt-In" are obliged to comply with additional testing requirements on glassware and ceramic products with exterior decorations that had been found to contain lead and cadmium. Products that meet the new requirements can be sold in California without Proposition 65 warnings.

Covered products are:

- *Food/Beverage Glass and Ceramics Products that are intended for the storage, serving or consumption of food or beverages*
- *Non-Food/Beverage Glass and Ceramic Products (household products)*

Exterior decorations are defined as all colored artwork, designs and/or markings on the exterior surface of the covered products. Exterior decorations, including designs that extend into the lip and rim area, must only utilize decorating materials that meet the new requirements on lead and cadmium. Children's products are required to meet a set of more stringent requirements.

Glassware

All Children's Products:
The exterior decorations, excluding the lip and rim area, must only utilize decorating materials that contain ≤ 0.06% of Lead and ≤ 0.48% Cadmium.

Food/Beverage Products (Lip and Rim decorated):
- The exterior decorations, excluding the lip and rim area, must only utilize decorating materials that contain ≤ 0.06% of Lead and ≤ 0.48% Cadmium.
- All exterior decorations that extend into the Lip and Rim area must only use decorating materials that contain no detectable Lead or Cadmium (≤ 0.02% Lead, ≤ 0.08% Cadmium)

Non-Food/Beverage Products:
- When tested with Wipe Test (NIOSH Method no. 9100), the exterior decorations shall be ≤ 1.0μg of Lead or 8.0μg of Cadmium, OR
- The exterior decorations, excluding the lip and rim area, must only utilize decorating materials that contain ≤ 0.06% of Lead and ≤ 0.48% Cadmium, OR
- When tested with Wipe Test (NIOSH Method no. 9100), the decorated portions of all surfaces shall be ≤ 4.0μg of Lead or 32.0μg of Cadmium.

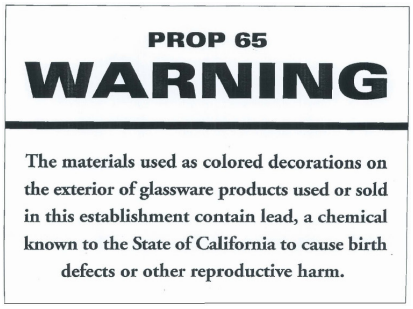
Ceramicware

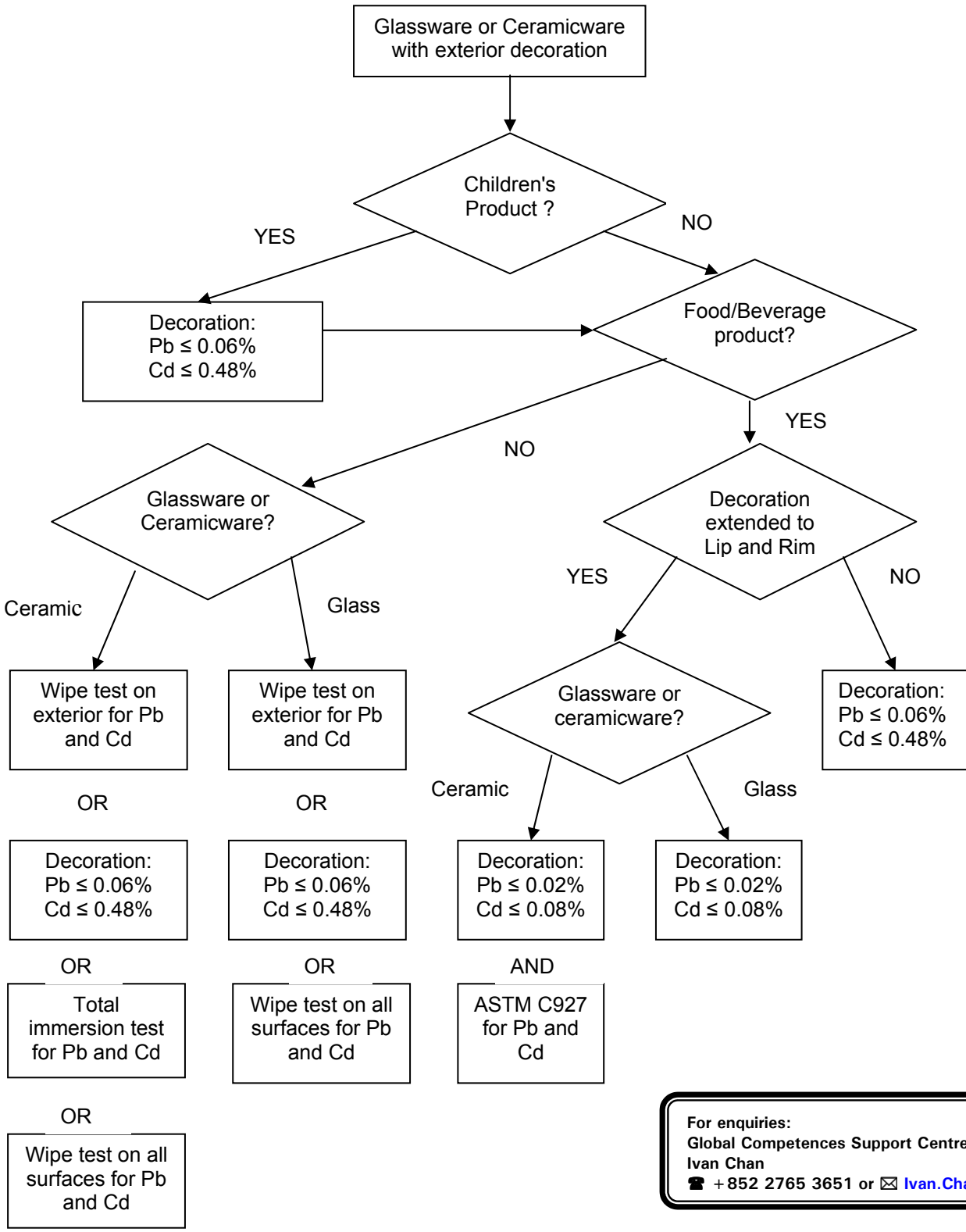
All Children's Products:
The exterior decorations, excluding the lip and rim area, must only utilize decorating materials that contain ≤ 0.06% of Lead and ≤ 0.48% Cadmium.

Food/Beverage Products (Lip and Rim decorated):
- The exterior decorations, excluding the lip and rim area, must only utilize decorating materials that contain ≤ 0.06% of Lead and ≤ 0.48% Cadmium.
- All exterior decorations that extend into the Lip and Rim area must only use decorating materials that contain no detectable Lead or Cadmium (≤ 0.02% Lead, ≤ 0.08% Cadmium)
- When tested with ASTM C927, the product must yield ≤ 0.5 ppm of Lead and ≤ 4.0 ppm of Cadmium.

Non-Food/Beverage Products:
- When tested with Wipe Test (NIOSH Method no. 9100), the exterior decorations shall be ≤ 1.0μg of Lead or 8.0μg of Cadmium, OR
- The exterior decorations, excluding the lip and rim area, must only utilize decorating materials that contain ≤ 0.06% of Lead and ≤ 0.48% Cadmium, OR
- When tested with Total Immersion Test, the product should yield ≤ 0.99 ppm of Lead and ≤ 7.92 ppm of Cadmium, OR
- When tested with Wipe Test (NIOSH Method no. 9100), the decorated portions of all surfaces shall be ≤ 4.0μg of Lead or 32.0μg of Cadmium.

Warning labelling is required if the product does not meet the requirements of Proposition 65.





For enquiries:
Global Competences Support Centre, gcsc@sgs.com
Ivan Chan
☎ +852 2765 3651 or ✉ Ivan.Chan@sgs.com

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Asia – 5-8/F & 28/F, Metropole Square, 2, On Yiu St., Siu Lek Yuen, NT, Hong Kong Tel: +852 2334 4481 Fax: +852 2144 7001, ✉ mktg.hk@sgs.com
Europe – Nita House, Alperton Lane, Wembley, London HA0 1WU, UK , Tel: +44(0) 20 8998 2171 Fax: +44 (0) 20 8997 9723, ✉ ukenquires@sgs.com
Africa & Middle East – Abide-I Hurriyet Cad. Gecit Sk. No.10, Sisli Turkey. Tel: +90 212 225 0024 Fax: +90 212 296 47 82. ✉ sgs.turkey@sgs.com
Americas – 291, Fairfield Ave, Fairfield, New Jersey 07004, USA. Tel: +1 973 575 5252 Fax: +1 973 575 1193. ✉ Marketing.CTS.US@sgs.com

Web: www.sgs.com Global Competences Support Centre: E-mail: gcsc@sgs.com
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