



Intertek Offers Cost-Effective Solution for CMR Requirements in Toys

According to the guidance document on Technical Documentation for the new Toys Safety Directive (TSD) 2009/48/EC, the chemical safety assessment for toy is required as of July 2011. The chemical safety assessment process must cover the various new chemical requirements including the possible presence of substances classified as carcinogenic, mutagenic or repro-toxic (CMR), although strict compliance with the chemical requirements will not take legal effect until 20th July 2013.

The Challenge:

Having said that, such an arrangement of the requirements in the new TSD implies that toy manufacturers may need to be aware of the potential impact of CMRs in toys at a date much earlier than the legal effective date, and as discussed in our previous Sparkle No. 564, volatile CMRs are of particular concern due to their frequent use in solvents or as monomers of plastics, and hence may be found in residual amounts if the toy or its components contain paint coatings, plastics (especially soft plastics), adhesive, etc. Toy products with soft plastics presenting an obvious odor may also be a potential concern for the emission of volatile CMRs.

The Solution:

Intertek is pleased to offer an effective yet economical screening solution to determine the presence of volatile CMRs in your products by sophisticated chromatographic techniques inline with mass spectrometry technology incorporating a huge chemical library. The screening of volatile CMRs helps you keep your toy products in compliance with the coming requirement at ease.

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 30,000 people in 100 countries around the world.

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