

# SAFEGUARDS

SGS CONSUMER TESTING SERVICES

HARDLINES, SOFTLINES, ELECTRICAL & ELECTRONIC

NO. 113/09 JUNE 2009

## EU BANS CERTAIN ORGANOTIN COMPOUNDS IN CONSUMER PRODUCTS

The European Union has officially banned the use of certain Organotin Compounds in consumer products. The products with concentrations greater than 0.1% by weight shall not be placed on the market.

On 4 June 2009, a new European Commission Decision 2009/425/EC was published in the EU Official Journal <sup>1</sup>. The usage of Tri-substituted organostannic compounds such as Tributyltin (TBT) compounds and Triphenyltin (TPT) compounds, Dibutyltin (DBT) compounds and Dioctyltin (DOT) compounds in consumer products are governed by this Decision.

From 1 July 2010, an article or a part of the article containing Tri-substituted organostannic compounds such as tributyltin (TBT) and triphenyltin (TPT) in a concentration of greater than 0.1% by weight of tin is prohibited from being placed on the market.

From 1 January 2012, Dibutyltin (DBT) compounds with a concentration of greater than 0.1% by weight of tin shall not be used in mixtures and articles for supply to the general public. Dioctyltin (DOT) compounds in an article shall not be in a concentration greater than 0.1% by weight of tin.

Highlights in the scope of Organotin compounds from the Decision 2009/425/EC are summarized in the Table below.



<sup>1</sup>Commission Decision 2009/425/EC, Official Journal of the European Union of 4 June 2009.

SUBSTANCE	SCOPE	REQUIREMENT	EFFECTIVE
Tri-substituted organostannic compounds such as Tributyltin (TBT) compounds and Triphenyltin (TPT) compounds	Article or Part of an article	≤0.1 %	1 July 2010
Dibutyltin (DBT) compounds	1. Mixture 2. Article or Part of an article (Except Food contact materials)	≤0.1 %	1 January 2012
	1. One-component and two-component room temperature vulcanisation sealants (RTV-1 and RTV-2 sealants) and adhesives 2. Paints and coatings containing DBT compounds as catalysts when applied on articles 3. Soft polyvinyl chloride (PVC) profiles whether by themselves or coextruded with hard PVC 4. Fabrics coated with PVC containing DBT compounds as stabilisers when intended for outdoor applications 5. Outdoor rainwater pipes, gutters and fittings, as well as covering material for roofing and façades	≤0.1 %	1 January 2015
Diocetyl tin (DOT) compounds	1. Textile articles intended to come into contact with the skin 2. Gloves 3. Footwear or part of footwear intended to come into contact with the skin 4. Wall and floor coverings 5. Childcare articles 6. Female hygiene products 7. Nappies 8. Two-component room temperature vulcanisation moulding kits (RTV-2 moulding kits)	≤0.1 %	1 January 2012

SGS is committed to inform our partners and customers as development on international legislation occurs.

Throughout our global network of laboratories, we are able to provide a range of services, including analytical testing and consultancy for Organotin compounds

in a wide range of consumer products for the EU and worldwide markets. Please do not hesitate to contact us for further information.

#### FOR ENQUIRIES:

Global Competences Support Centre: [gsc@sgs.com](mailto:gsc@sgs.com)  
HingWo Tsang Tel: +852 2774 7420 or [Hingwo.Tsang@sgs.com](mailto:Hingwo.Tsang@sgs.com)

Asia – Hong Kong. Tel: +852 2334 4481 Fax: +852 2144 7001 [mktg.hk@sgs.com](mailto:mktg.hk@sgs.com)  
Australasia \_ Perth. Tel: +61 (0) 3 9790 3418 Fax: +61 (0) 3 9701 0988 [au.cts@sgs.com](mailto:au.cts@sgs.com)  
Europe – London —UK. Tel: +44(0) 20 8991 3410 Fax: +44 (0) 20 8991 3417 [gb.cts.sales@sgs.com](mailto:gb.cts.sales@sgs.com)  
Africa & Middle East – Turkey. Tel: +90 212 225 0024 Fax: +90 212 296 47 82 [sgs.turkey@sgs.com](mailto:sgs.turkey@sgs.com)  
Americas – USA. Tel: +1 973 575 5252 Fax: +1 973 575 1193 [Marketing.CTS.US@sgs.com](mailto:Marketing.CTS.US@sgs.com)

[www.sgs.com](http://www.sgs.com) Global Competences Support Centre: [gsc@sgs.com](mailto:gsc@sgs.com)  
If you wish to unsubscribe to this technical bulletin, go here: [Unsubscribe](#)

© 2009 SGS. All rights reserved. This is a publication of SGS, except for 3<sup>rd</sup> parties' contents submitted or licensed for use by SGS. SGS neither endorses nor disapproves said 3<sup>rd</sup> parties contents. This publication is intended to provide technical information and shall not be considered an exhaustive treatment of any subject treated. It is strictly educational and does not replace any legal requirements or applicable regulations. It is not intended to constitute consulting or professional advice. The information contained herein is provided "as is" and SGS does not warrant that it will be error-free or will meet any particular criteria of performance or quality. Do not quote or refer any information herein without SGS's prior written consent.

WHEN YOU NEED TO BE SURE

