SAFEGUARDS
SGS CONSUMER TESTING SERVICES

HARDGOODS, TOYS & JUVENILE PRODUCTS, SOFTLINES, ELECTRICAL & ELECTRONICS NO. 099/12 JUN 2012

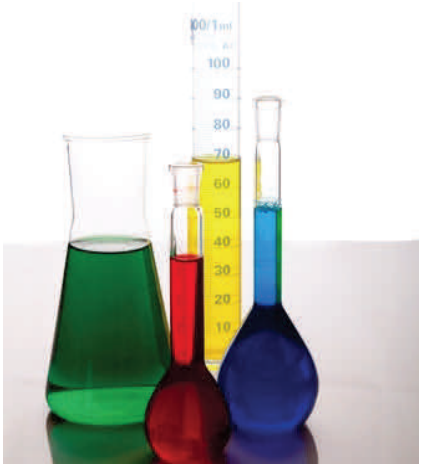
ECHA UPDATED THE SVHC CANDIDATE LIST TO CONTAIN 84 ENTRIES

On June 18 2012, 13 new substances were included in the Candidate List of Substances of Very High Concern (SVHC) for Authorisation. Moreover, the entries of several aluminosilicate refractory ceramic fibres (Al-RCF) and several zirconia aluminosilicate refractory ceramic fibres (ZrAl-RCF) included in the List in January 2010 and December 2011 were combined[1]. As a result, the list now contains 84 substances in total including the two consolidated Al-RCF and ZrAl-RCF entries. In April 2012, ECHA has published its draft multi-annual work programme and the SVHC Candidate List is expected to grow steadily in the period of 2013-2015, with an increasing focus on substances featuring PBT (persistent, bioaccumulative and toxic), vPvB (very persistent and very bioaccumulative) properties as well as substances of equivalent concern (e.g. endocrine disruptors).

OBLIGATIONS FOR EU ARTICLE PRODUCERS AND IMPORTERS

According to Article 33 of REACH, European Union (EU) and European Economic Area (EEA) article producers and importers have to provide safe use information of SVHC to their article recipients upon supply and consumers upon request within 45 days if their articles contain SVHC in a concentration > 0.1% (w/w). Moreover, notification of SVHC in articles is required as stated in Article 7 of REACH, when SVHC concentration > 0.1% (w/w) in an article and the overall quantity in all articles is more than 1 tonne per year per producer or importer. In March 2012, the Belgian Centre for Research and Information for Consumer Organizations (Crioc) has published a report identifying companies which failed to respond to requests for information on substances in specific articles, the obligation under Article 33 of REACH Regulation (EC No. 1907/2006).

For SVHC Candidates published after December 1 2010, notifications have to be submitted within 6 months after the inclusion. On June 6 2012, ECHA issued a reminder to article producers and importers regarding the deadline for notifying ECHA about the presence of twenty Candidate List substances published on Dec 19 2011 in articles. The notification deadline of these twenty SVHC was June 19 2012. The scope of the two new entries of refractory ceramic fibres which were included in December 2011 is wider and fully covers the old entries which were included in January 2010. If a company already notified the presence of refractory ceramic fibres in their articles following the January 2010 inclusion in the Candidate List, it is not



[1] Candidate List updated with thirteen new Substances of Very High Concern
[2] Leading companies fail on SVHC disclosure

required to make additional notification now[3]. For the thirteen SVHCs included in Candidate List on June 18 2012, the notification deadline will be December 18 2012.

SVHC CANDIDATES

Among the 13 newly added SVHCs on June 18 2012, four of them (C.I. Basic Violet 3, C.I. Basic Blue 26, C.I. Solvent Blue 4 and 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol) are identified as SVHC only if the presence of the carcinogenic constituents Michler's ketone or Michler's base is ⩾0.1 % w/w[4]. Therefore, all the proposed substances are carcinogenic, mutagenic and toxic for reproduction (CMR), which may pose serious effects on human beings. The potential uses of the 13 newly added SVHCs are summarized in Table 1.

If you would like to learn more about how SGS can support your REACH compliance activities please contact us: reach@sgs.com or visit www.sgs.com/reach.

TABLE 1. POTENTIAL USES OF SVHC PUBLISHED IN THE CANDIDATE LIST ON JUNE 18 2012

NO.	SUBSTANCE	CAS /EC NO.	CLASSIFICATION	POSSIBLE USES	POSSIBLE OCCURRENCE								
					LEATHER	TEXTILE	METAL	PLASTIC/ RUBBER	GLASS	PAPER/WOOD	BATTERIES/ ELECTRONICS	ADHESIVE/SEALANT	PIGMENT/PAINT/INK
1	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2/ 203-977-3	Repr. 1B	• Component of paint / graffiti remover formulations and delacquers. • Solvent for adhesives, printing inks. • Used in the formulation of electrolyte systems for lithium batteries.							√	√	

[3] Deadline for notifying ECHA about the presence in articles of twenty Candidate List substances is 19 June 2012

[4] The Member State Committee agrees on identification of five SVHCs and finalises 41 dossier evaluation cases

To be con'd

Con'd

NO.	SUBSTANCE	CAS /EC NO.	CLASSIFICATION	POSSIBLE USES	POSSIBLE OCCURRENCE								
					LEATHER	TEXTILE	METAL	PLASTIC/ RUBBER	GLASS	PAPER/WOOD	BATTERIES/ ELECTRONICS	ADHESIVE/SEALANT	PIGMENT/PAINT/INK
2	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4/ 203-794-9	Repr. 1B	• Used as solvent for electrolytes of lithium batteries and as a process solvent for the recycling of Li-batteries. • Used in a process for the surface treatment of aluminium. • Used as cleaning solvent and within solder fluxes within the microelectronics industry.			√				√		
3	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1/ 209-218-2	Carc. 1B	• Used as formulation and production of writing inks.									√
4	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8/ 202-027-5	Carc. 1B	• Intermediate in the manufacture of triphenylmethane dyes. • Used as additive in dyes and pigments, acting as photosensitizer.									√
5	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9/ 208-953-6	Carc. 1B	• Used as a dye in ink applied in cartridges for printers and in ball pens and as dyestuff for paper coloring. • Used as a dye for wood and silk. • Used in leather dyeing.	√	√				√			√

To be con'd

Con'd

NO.	SUBSTANCE	CAS /EC NO.	CLASSIFICATION	POSSIBLE USES	POSSIBLE OCCURRENCE								
					LEATHER	TEXTILE	METAL	PLASTIC/ RUBBER	GLASS	PAPER/WOOD	BATTERIES/ ELECTRONICS	ADHESIVE/SEALANT	PIGMENT/PAINT/INK
6	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5/ 219-943-6	Carc. 1B	• Used in inks, dyes, paints, and pigments. • Used for dyeing of paper and plastic products.				√		√			√
7	Diboron trioxide	1303-86-2/ 215-125-8	Repr. 1B	• Used in glass, glass fibre and frits production. • Used as wood preservative. • Used as fire resistant additive for paint and electronics. • Used in flux agent suitable for alloys and ceramic glazing. • Used in soldering.			√	√	√	√	√		√
8	Formamide	75-12-7/ 200-842-0	Repr. 1B	• Used as softener for paper, water soluble glues and wood stains. • Used as solvent and plasticizer. • Used to remove coating from copper conductors. • Used in the spinning of acrylonitrile copolymers.				√		√			

To be con'd

Con'd

NO.	SUBSTANCE	CAS /EC NO.	CLASSIFICATION	POSSIBLE USES	POSSIBLE OCCURRENCE								
					LEATHER	TEXTILE	METAL	PLASTIC/ RUBBER	GLASS	PAPER/WOOD	BATTERIES/ ELECTRONICS	ADHESIVE/SEALANT	PIGMENT/PAINT/INK
9	Lead(II) bis(methanesulfonate)	17570-76-2/ 401-750-5	Repr. 1A	• Used in electrolytic and electroless plating.			√						
10	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1/ 202-959-2	Carc. 1B	• Intermediate in the manufacture of dyes and pigments.									√
11	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0/ 229-851-8	Carc. 1B	• Used in the production of inks for printing or writing. • Used in dyeing of paper.						√			√
12	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9/ 219-514-3	Muta. 1B	• Used as a hardener in polyester powder coatings for metal finishing. • Used in solder "mask" inks in the printed circuit board. • Used as stabilizer for plastic.				√			√		
13	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6/ 423-400-0	Muta. 1B										

FOR ENQUIRIES:

Global Competence Support Centre: gcsc@sgs.com
REACH Global Competences Centre Tel: +41 (22) 739 91 61 or reach@sgs.com

Asia – Hong Kong. Tel: +852 2334 4481 Fax: +852 2144 7001 mktg.hk@sgs.com
Australasia – Perth. Tel: +61 (0) 3 9790 3418 Fax: +61 (0) 3 9701 0988 au.cts@sgs.com
Europe – London – UK. Tel: +44(0) 203 008 7860 Fax: +44 (0) 203 00 7870 gb.cts.sales@sgs.com
Africa & Middle East – Turkey. Tel: +90 212 368 40 00 Fax: +90 212 296 47 82 sgs.turkey@sgs.com
Americas – USA. Tel: +1 973 575 5252 Fax: +1 973 575 7175 uscts.inquiries@sgs.com

www.sgs.com/cts Global Competence Support Centre: gcsc@sgs.com
If you wish to unsubscribe to this technical bulletin, go here: Unsubscribe

© 2012 SGS SA. All rights reserved. This is a publication of SGS, except for 3rd parties' contents submitted or licensed for use by SGS. SGS neither endorses nor disapproves said 3rd 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.