



Full company name:	
Legal/authorized representative (Name and title):	
Company address:	
Contact person (Name, title, tel. #, email)	

- 1. The Company listed above (the "Company") has familiarized itself and, consequently, is aware of this banned and grouped Hazardous Substances Specification UFPI001e listed below provided by SONOPRESS which, for purposes hereof, shall include each and every entity affiliated with SONOPRESS (such entities shall hereinafter collectively be referred to as "Sonopress") and, unless otherwise requested by Sonopress in writing, here by represents and warrants that all the Banned Substances of the products and components (including but not limited to semi-finished products, finished products, materials, accessories, packing materials, etc.) provided to Sonopress shall fully and in all respects conform to the specifications specified in the UFPI001e now and in the future.
- 2. In case the Supplier should be in breach of this obligation, the statutory legal provisions applicable to such breach shall govern.
- 3. Any amendment to this Declaration of Conformity shall not become effective without prior written consent from Sonopress. This form and its requirements shall become effective as of 01-January -2013.
- 4. Sonopress will inform the Company in writing of any changes in the referenced specifications due to regulatory, Sonopress or Sonopress customer changes. A new Declaration of Conformity will then be required and shall promptly been signed and returned by Company to Sonopress.
- 5. Should there be any change in the products or components, including manufacturing processes, assembly methodologies, raw materials, parts, components, or sub-supplier(s) used by Company which causes, or may cause, any variation, modification or mutation of materials composition of such product or component, Company shall immediately inform Sonopress in writing and furnish Sonopress with a new Declaration of Conformity, as well as MSDS and corresponding test reports.
- 6. This Declaration of Conformity has been duly executed by the Company's legal or authorized representative on the date as set forth herein.





7. The Supplier agrees and undertakes to fully comply with all applicable EU-Regulations, EU-directives as implemented into the national laws of the EU member states as well as supplementing national laws and regulations.

This Declaration of Conformity shall be governed by the substantive laws of the Federal Republic of Germany without giving effect to its rules on conflict of laws. Exclusive jurisdiction and venue shall lie with the district court ("Landgericht") in Bielefeld, Germany.

Legal authorized representative:	Date/ place:
Signature and firm stamp	

# **Restricted Substances Specification for SONOPRESS**

# **Grouped by Major Regulatory Categories**

For all components (semi-finished products / material / accessory / package material) provided to Sonopress, the supplier must assure that their products, materials and preparations are in compliance with all international laws, directives and regulations, which govern hazardous chemical substances, and that they meet all of the requirements listed below in sections A through G, in addition to applicable regional specifications in Section H. These laws, directives and regulations have been established because the listed substances have some impact on the environment and human health throughout the product lifecycle. The relevant requirements are not limited to those indicated here, but will follow the updates and additions to the laws, directives and regulations and be subject to new legislation as required. This Specification also combines and includes the requirements of restricted substance specifications from several global companies, including the current "Sony Green Partner" Management Regulation SS-00259, (14<sup>th</sup> Edition or later).

Please also note that if you are not yourself the producer of the product/components you supply to us and/or if you use raw materials or parts/components that you do not manufacture yourself to produce these products/components, you will need to request the same compliance from your own suppliers and be able to provide this information to Sonopress upon request. This is your direct responsibility.

Erstellt: Datum, von Mettenborg/ Wuttke 28.01.2013

Freigegeben: Martin Fahl





#### A. RoHS Substances

**2011/65/EU** (and its amendments) – This is the EU Directive on the restriction of the use of certain hazardous substances (RoHS) in electrical and electronic equipment. All the materials (whether accessible or not), apart from those exempt in the Directive, of electrical and electronic products (that fall into the scope) should comply with the requirements of the RoHS Directive. The following table summarizes the substances to be determined and the corresponding limits.

Reference Laws and	No.	Controlled Substances	Allowable Co	ncentrations	Reason for Lower SONOPRESS Limits	
Regulations	NO.	Controlled Substances	Regulation	SONOPRE SS	Other Regulation	Customer Req.
	1	Cadmium and its compounds	< 100 ppm	< 20 ppm		✓
	2	Lead and its compounds	< 1000 ppm	< 40 ppm	✓	See Section H
	3	Mercury and its compounds	< 1000 ppm	< 5 ppm	✓	✓
	4	Hexavalent Chromium and its compounds	< 1000 ppm	< 5 ppm		✓
2011/65/EU (RoHS)	5	Polybrominated biphenyl (PBB)	< 1000 ppm	Intentional use Banned	<b>√</b>	
	6	Polybromodiphenyl ether (PBDE)	< 1000 ppm	Intentional use Banned	4	
	7	Hexabromocyclododecane (HBCDD)	< 1000 ppm	< 1000 ppm		
	8	Bis (2-ethylhexyl) phthalate (DEHP)	< 1000 ppm	< 1000 ppm		
	9	Butyl benzyl phthalate (BBP)	< 1000 ppm	< 1000 ppm		
	10	Dibutylphthalate (DBP)	< 1000 ppm	< 1000 ppm		

Section A notes: The Sonopress allowable concentrations listed are <u>total</u> concentrations of the substance using sample preparation methods that extract the substance completely, such as microwave acid digestion. Methods using <u>soluble</u> extraction such as EN71-3:1994 and ASTM F963-07 (as amended) shall <u>not</u> be used for this Section A. Subsequent analysis shall be done by ICP-OES, ICP-AES, ICP-MS, AAS or equivalent measurement methods.

#### B. Banned Substances

These are substances that must not be used in products, materials or preparations supplied to Sonopress. This means the banned substances must not be intentionally added to products, materials and preparations for the purpose of changing the characteristics of the material or enhancing its performance properties. Nor can banned substances be added to products, materials and preparations unintentionally as a byproduct or consequence of any processing of these products. These substances cannot appear in the composition or ingredient lists of MSDS documents.





Reference Laws and			Allowable Concentrations			
Regulations	No.	Controlled Substances	Regulation	SONOPRESS		
REACH 1907/2006/EC, Annex XVII	1	Polycorinated biphenyls(PCBs)	Banned	Banned		
Japan Cab. Order 202 amended by Cab. Order 322 in 2007	2	Polychlorinated Naphthalene (PCN) (more than 3 chlorine atoms)	Banned	Banned		
REACH 1907/2006/EC, Annex XVII	3	Chlorinated paraffins (CP), (C10-13, CI>50 wt %), Short-chain chlorinated paraffins (SCCP)	Banned	Banned		
89/677/EC, 99/51/EEC, 2009/425/EC, Japan Cab. Order 202 amended by Cab. Order 322 in 2007	4	Tributyltin (TBT), Triphenyltin (TPT), Dioctyltin (DOT), Dibutyltin (DBT)	Various Limits	Banned		
REACH 1907/2006/EC, Annex XVII	5	Asbestos and its compounds	Banned	Banned		
REACH 1907/2006/EC, Annex XVII	6	Azo colorants which by reductive cleavage of azo groups may release on of the listed 22 aromatic amines in REACH Annex XVII 43	Banned	Banned		
Montreal Protocol, Japan Cab. Order 202 amended by Cab. Order 322 in 2007	7	Ozone-depleting substances- Chlorofluorocarbons (CFCs), Hydrochlorofluorocarbons (HCFCs), Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), Halons and Ozone Depleting Substances banned per Montreal Protocol Annex A,B,C and Hydrobromofluorocarbons (HBFCs), carbon tetrachloride, SF6, etc.	Banned	Banned		
Japan Cab. Order 202 amended by Cab. Order 322 in 2007	8	Persistent Bioaccumulative and Toxic Pesticides & Substances	Intentional use Banned	Intentional use Banned		
850/2004/EC and Stockholm Convention on Persistent Organic Pollutants 2001, additions in 2010, & chemicals under review	9	Persistent Organic Pollutants as listed in the referenced regulations and those under review, including: Hexabromocyclododecane, SCCPs, Chlorinated naphthalenes, Hexachlorobutadiene, Pentachlorophenol	Intentional use Banned	Intentional use Banned		
Law for the regulation of nuclear source material, nuclear fuel material and reactors of Japan	10	Radioactive substances	Intentional use Banned	Intentional use Banned		
850/2004/EC and Stockholm Convention	11	Perfluorooctane sulfonate (PFOS), Perfluorooctanoic acid (PFOA) and PFOS/PFOA  – related substances	Banned	Banned		
2009/251/EC, REACH 1907/2006/EC, Annex XVII	12	Dimethyfumate (DMF)	Banned	Banned		
CA proposition 65	13	Antimony trioxide	Banned	Banned		
REACH SVHC	14	Cobalt dichloride	< 1000 ppm	Banned		
REACH 1907/2006/EC, Annex XVII	15	Methylene chloride (Dichloromethane)	Not used in paint strippers	Banned		





#### C. Heavy Elements in Packaging Material

The Toxics in Packaging Clearinghouse (TPCH) was formed in 1992 to promote the Model Toxics in Packaging Legislation. This model legislation was originally drafted by the Source Reduction Council of CONEG in 1989. It was developed in an effort to reduce the amount of heavy metals in packaging and packaging components that are sold or distributed throughout the United States.

Specifically, the law is designed to phase out the use and presence of mercury, lead, cadmium and hexavalent chromium in packaging within four years in states that enact the legislation.

Directive on Packaging – 2005/20/EC (repealing Directive 94/62/EC) – EU Directive on packaging and packaging waste

The Directive covers all packaging placed on the market in the EU Community and all packaging waste, whether it is used or released at industrial, commercial, office, shop, service, household or any other level, regardless of the material used. Directive 2004/12/EC (amending Directive 94/62/EC) establishes criteria clarifying the definition of the term "packaging".

Reference Laws and Regulations	No.		Allowable Co	ncentrations	Reason for Lower SONOPRESS Limits	
	NO.	Controlled Substances	Regulation	SONOPRE SS	Other Regulation	Customer Req.
CONEG(US) on heavy metals in packaging	1	Sum of Lead, Cadmium, Mercury, Hexavalent Chromium	1 1	< 100 ppm, Cd < 20 ppm		<b>*</b>
94/62/EEC	''	Sum of Lead, Cadmium, Mercury, Hexavalent Chromium	< 100 ppm	< 100 ppm, Cd < 20 ppm		4

Section C notes: The Sonopress allowable concentrations listed are total concentrations of the substance using sample preparation methods that extract the substance completely, such as microwave acid digestion. Methods using soluble extraction such as EN71-3:1994 and ASTM F963-07 (as amended) shall not be used for this Section C. Subsequent analysis shall be done by ICP-OES, ICP-AES, ICP-MS, AAS or equivalent measurement methods.

#### D. Heavy Elements and Phthalates for Products

Heavy elements are chemical elements that have a specific gravity (a measure of density) at least five times that of water. The heavy metals most often associated with health risks are lead, mercury, chromium, and cadmium. However other elements are also regulated, especially for toys. Phthalates are chemical compounds derived from Phthalic acid, and often called a plasticizers for their plastic softening properties. Phthalates have been produced since the 1920's and have been used in everything from plastics to perfumes and pesticides.

Reference Laws	No.		Allowable Cor	ncentrations	Reason for Lower SONOPRESS Limits	
and Regulations  ASTM F963-07 Substances in			Regulation	SONOPRE SS	Other Regulation	Customer Req.
	1	Arsenic (As) - soluble	< 25 ppm	< 25 ppm		
AOTM F000 07	2	Barium (Ba) - soluble	< 1000 ppm	< 350 ppm		✓
Substances in	3	Cadmium (Cd) - total	< 75 ppm	< 20 ppm		✓
paint and surface	4	Chromium (Cr) - total	< 60 ppm	< 5 ppm		✓
J		Mercury (Hg) - total	< 60 ppm	< 5 ppm		✓
EN71-3 (existing)	6	Lead (Pb) - total	< 90 ppm	< 40 ppm	✓ (Illinois)	See Section H
	7	Antimony (Sb) - soluble	< 60 ppm	<60 ppm		

Erstellt: Datum, von Mettenborg/ Wuttke 28.01.2013





Reference Laws	NI -	Controlled Culturary	Allowable Co	ncentrations	Reason f	
and Regulations	No.	Controlled Substances	Regulation	SONOPRE SS	Other Regulation	Customer Req.
	8	Selenium (Se) - soluble	< 500 ppm	< 200 ppm		
	9	Aluminum				
	10	Antimony				
	11	Arsenic				
	12	Barium		Lower of		
	13	Boron		other		
	14	Cadmium		Sonopress limits or		
EN71-3	15	Chromium (III)	Various	new EN71-		
(new and efective July,	16	Chromium (VI) Cobalt	Migration	3 limits for toys		
2013)	17 18	Copper	Limits (depends on	only,as defined in		
	19	Lead	type of toy material)	new EN71-		
	20	Manganese	material)	3		
	21	Mercury		See		
	22	Nickel		discussion below		
	23	Selenium		bolow		
	24	Tin				
	25	Organic Tin				
	26	Zinc				
Hasbro, SRS-012	27	Sum of Lead, Cadmium, Mercury and Chromium (Total concentration)		< 100 ppm		✓
	28	Arsenic (As) - soluble	< 1000 ppm	< 25 ppm	✓ (ASTM)	
	29	Barium (Ba) - soluble	< 1000 ppm	< 350 ppm		✓
Canadian Hazardous	30	Cadmium (Cd) - total	< 1000 ppm	< 20 ppm		✓
Products Acts, R.S.CH.H-3 Part	31	Mercury (Hg) - total	< 10 ppm	< 5 ppm		✓
1	32	Lead( Pb) - total	< 600 ppm	< 40 ppm	✓ (Illinois)	See Section H
	33	Antimony (Sb) - soluble	< 1000 ppm	< 60 ppm	(ASTM)	
	34	Selenium (Se) - soluble	< 1000 ppm	< 200 ppm	✓ (ASTM )	✓
Illinois, US 410 ILCS 45/6 amended by P.A. 95-1019	35	Total Lead	< 40 ppm	< 40 ppm	✓ (Illinois)	See Section H
	36	Total Lead (Pb) in substrate	< 100 ppm	< 40 ppm	✓ (Illinois)	See Section H
CPSIA	37	Lead (Pb) in paint & surface coatings	< 90 ppm	< 40 ppm	✓ (Illinois)	See Section H
(May require accredited third- party testing –	38	ASTM F963-07 Substances (Heavy Metals) in paint and surface coatings, as above this section	As above, this section	As above, this section		
see notes below)	39	Phthalates DEHP, DBP, BBP	< 1000 ppm each	Sum of these three < 500 ppm		✓
	40	Phthalates DINP, DIDP, DnOP, DnHP	< 1000 ppm each	Sum of these four < 500 ppm		✓





Reference Laws		Controlled Substances	Allowable Co	ncentrations	Reason for Lower SONOPRESS Limits	
and Regulations	No.	Controlled Substances	Regulation	SONOPRE SS	Other Regulation	Customer Req.
Various and Pending, US State of Maine, Chemicals of High Concern-2012, Reach SVHC	41	Phthalates DnHP, DIBP, DMEP, DEP, DCHP, DPP(DnPP)	< 1000 ppm	< 100 ppm		✓

#### Section D notes:

- 1) Many of the references in this section concern regulations for "toys" or "children's products". Except as noted immediately below, Sonopress requires the listed Sonopress limits to apply to all supplied components, regardless of intended consumer use.
- 2) The new version of EN71-3, the restricted chemicals section of the European toy standard, becomes effective in July of 2013. While common software and their storage media, such as CD and DVD media, are not considered toys under the EN71 directive, any products supplied to Sonopress which can be classified as toys under EN71 must comply fully with the new EN71-3 migration limits on chemicals as of the publishing date of this Sonopress document. The regulation that is the basis for EN71 is 2009/48/EC and is linked here below. The migration limits are in Part 3 of Annex II. <a href="http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:170:0001:0037:EN:PDF">http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:170:0001:0037:EN:PDF</a>
- 3) Most of the referenced regulations in this section generally specify testing for soluble concentrations of elements. However to stay consistent with other parts of this Specification, the Sonopress allowable concentrations listed for Cadmium, Hexavalent Chromium, Lead and Mercury are total concentrations of the substance using sample preparation methods that extract the substance completely, such as microwave acid digestion. Methods using soluble extraction such as EN71-3:1994 and ASTM F963-07 (as amended) shall not be used for these elements. Subsequent analysis shall be done by ICP-OES, ICP-AES, ICP-MS, AAS or equivalent measurement methods. For Antimony, Arsenic, Barium, and Selenium, the Sonopress limits are for soluble concentrations using sample preparation methods and analysis as described in the standards such as EN71-3:1994 and ASTM F963-07 (as amended).
- 4) Special Requirements for the USA:

For Sonopress in the USA, the concentrations listed for total lead in reference numbers 25 through 27 (Illinois 410 ILCS 45/6 - amended by P.A. 95-1019 and CPSIA) are < 40 ppm as shown above. This applies to all supplied materials and components in the USA, regardless of their use in children's products or general products.

The following materials for generic optical disc products in the USA must also meet the CPSIA requirement for accredited third-party testing for items 26 through 29 above: Polycarbonate resin, CD/DVD bonding resins and lacquers, disk printing inks, molded CD/DVD cases, and printed paper booklets/inserts/wraps (4-color process printing on paper exempted).

For general CPSIA information see: <a href="http://www.cpsc.gov/ABOUT/Cpsia/cpsia.HTML">http://www.cpsc.gov/ABOUT/Cpsia/cpsia.HTML</a>
For third party laboratory accreditation see: <a href="http://www.cpsc.gov/cgi-bin/labsearch/">http://www.cpsc.gov/cgi-bin/labsearch/</a>

# E. Restricted substance: Polynuclear Aromatic Hydrocarbon

PAH are polynuclear aromatic hydrocarbons. They often come from tar oils, which are mainly residues from oil refining. During the manufacturing of caoutchouc, filling material and tar or mineral oil may be added to the raw material in order to adjust physical properties of the rubber and reduce the amount and cost for the more expensive caoutchouc.

Benzo(a)pyrene and several other PAH compounds have been classified K2 with regards to their carcinogenity. K2 signifies a suspected human carcinogen; i.e., that there are sufficient indications for a justified assumption that a person's exposure to the substance can cause cancer.





Reference Laws and		0	Allowable Concentrations		
Regulations	No.	Controlled Substances	Regulation	SONOPRESS	
Central Experience Exchange Office (ZEK),	1	Polycyclic Aromatic Hydrocarbon (PAH): Benzo[a]pyrene	< 1ppm	< 1 ppm	
Central Authority of Federal States for Safety (ZLS). German committee "Technische Arbeitsmittel und Verbraucherprodukte (AtAV) Document: ZEK 01-08 (Category 2 Exposure)	2	16 PAHs: Naphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene, Pyrene, Chrysene, Benzo[a]anthracene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Benzo[a]pyrene, Dibenzo[a,h]anthrancene, Indeno[c,d]pyrene, Benzo[g,h,i]perylene, Benzo[e]pyrene,Benzo[j]fluoranthene	< 10 ppm cumulative sum of 18	< 10 ppm cumulative sum of 18	

# F. European Union (EU) Regulation (EC) No 1907/2006 - Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

Sonopress requires conformance to all of the restrictions and regulations of REACH and its amendments. REACH is administered by the European Chemical Agency (ECHA), with further information available at: <a href="http://echa.europa.eu/reach\_en.asp">http://echa.europa.eu/reach\_en.asp</a>

Two important parts of REACH are the Candidate List for Substances of Very High Concern (SVHC) and the restrictions for the substances in Annex XVII (consolidating and including the earlier Directive 76/769/EEC). Among other requirements, substances included in the <u>continuously changing</u> SVHC candidate list must be reported and authorized if contained in "articles" in a concentration typically above 0.1% weight by weight (w/w).

Substances listed in Annex XVII, are restricted for use with varying concentration limits as described therein. As substances are added by the ECHA to the SVHC list, they may eventually be restricted and moved to Annex XVII.

See the current SVHC list at:

http://echa.europa.eu/chem data/candidate list table en.asp

The 2009 revised version of Annex XVII at: http://eur-

lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:164:0007:0031:EN:PDF

Further discussion of all REACH Annexes at:

http://ec.europa.eu/enterprise/sectors/chemicals/documents/reach/review-annexes/index en.htm#h2-9

Discussions of more recent amendments are at:

http://ec.europa.eu/enterprise/sectors/chemicals/reach/restrictions/index\_en.htm

Where substances regulated by REACH are also listed elsewhere in this Specification with more restrictive limits, this Specification takes precedence.

#### G. Other Substances to be Controlled

The following substances are regulated and restricted for some uses by various pending international directives and other customer requirements. For our purposes, these substances are limited as indicated in products and components supplied to us, unless Sonopress provides written permission for their use.





Reference Laws and Regulations	No.	Controlled Substances	Allowable Concentrations - SONOPRESS
<b>J</b>			Banned for use in packaging materials.
	1	PVC and PVC Blends	Other uses must be reported in Section I., because they are banned generally by some customers.
	2	Formaldehyde, CAS# 50-00-0	Intentional use banned
	3	Halogenated Diphenyl Methanes	< 1000 ppm
	4	Beryllium Oxide, Beryllium Copper	Banned
	5	Tetrabromobisphenol A (TBBPA), CAS# 79-94-7	< 1000 ppm
	6	Perchlorates	<0.006 ppm
	7	Triclosan, CAS# 3380-34-5	< 5 ppm
Pending rulings	8	Bis(Chloromethyl)ether, CAS# 542-88-1	Intentional use banned
and Customer Requirements	9	Bis(Chloromethyl)ether, CAS# 542-88-1	Intentional use banned
	10	Bizimuth and its compounds	Reportable > 1000 ppm
	11	Chromium Oxide, CAS# 1308-38-9	Intentional use banned
	12	Cyanide	Intentional use banned
	13	Natural Rubber	Reportable if intentionally used
	14	Nickel	Prohibited on surfaces with prolonged skin contact, or 0.5 μg/cm²/week
	15	Tri-o-cresyl phosphate, CAS# 78-30-8	< 50 ppm
	16	Tris (1,3-Dichloro-2-propyl) phosphate, CAS# 13674-87-8	< 1000 ppm
	17	Tetrachloroetylene, CAS# 127-18-4	Intentional use banned
	18	White phosphorous, CAS# 12185-10-3	Intentional use banned
IEC61249-2-21 Standard for products declared	19	Halogen: Bromine + Chlorine	For products using printed circuit boards and laminates these substances are subject to report in Section I. when above the following limits:
"Halogen Free":			Br, limit <900 ppm Cl, limit<900 ppm and Br+Cl< 1500 ppm
US Lacey Act, ammendments of 2008 EU 995/2010	20	Timber & other plant based products including wood and paper	Not sourced illegally in country of origin, tracability required
US Conflict Minerals Act Sec 1502 of US Law 111-203	21	Ores for Tantalum, Tin, Tungsten & Gold from illegally controlled and conflicted mines in the Congo region of Africa	Minerals from conflict mines not used





#### H. Regional Specific Requirements

Special requirements for Sonopress in certain regions may require more stringent specifications for some hazardous substances. The requirements and limits listed in the previous sections are valid unless superseded by further requirements for the locations as shown in this section.

Sonopress, Hong Kong:

- 1) Total lead concentration < 20 ppm in all materials and components
- 2) Arsenic < 10 ppm in all materials and components
- 3) Antimony < 25 ppm in all materials and components
- 4) Tetrabromobisphenol A (TBBPA) Banned in all materials and components
- 5) Additional phthalates: DMP, DNP, DPRP, DIOP limit < 100ppm each, sum of <u>all</u> phthalates < 300 ppm

### I. Supplier Special Requirements

If your product contains any of the substances mentioned above for technical or other reasons, please list the product and the used substance:

Product name / Number:	Substance used:	Reason for use:	

Freigegeben: Martin Fahl





# J. Change Log

Revision	Date	Revision Description	Department Representative	DCC
Release	March 1, 2010	Release to system		
A	March 16, 2010	Changed PBB, PBDE, DecaBDE allowable concentrations to "Banned" in Sec A. RoHS  Added Perfluorocarbons (PFC) and Cobalt dichloride to Section B. Banned Substances	R. Wartzok	
В	January 1, 2011	Sec. A: Changed items 5 & 6 to "Intentional Use Banned". Added RoHS 2 Substances and note defining total concentrations.  Sec. B: Removed "Other Chlorinated Compounds" and several pesticides. These substances are generally covered by REACH in Sec.F. Changed Item 10 to "Intentional Use Banned". Moved standard for "Halogen Free" to Sec. G with additional notes.  Sec. C: Added note defining total concentrations.  Sec. D: Reduced allowable concentrations for selenium and phthalates. Added notes defining total and soluble concentrations. Added notes clarifying requirements for CPSIA in the USA.  Sec. E: Raised allowable concentrations of PAH consistent with "Category 2" exposure.  Sec. F: Redefined ADiS requirements relative to REACH, adding emphasis for SVHC and Annex XVII substances.  Sec. G: PVC changed to banned in packaging, reportable otherwise. Changed Formaldehyde to "Intentional Use Banned". Added standard for 'Halogen Free" and its application only to circuit boards and laminates. Added TBBPA, perchlorates and Triclosan with limits.  Sec. H: Several more restrictive limits listed for various Asia region locations.	R. Wartzok	





C	January 1, 2013	Sec. B: Combined all organotin compounds into Item 4.  Added new Pesticides category at Item 8.  Added new POPs category at Item 9.  Added Methylene Chloride at Item 15.  Sec. D: Changed EN71-3 section (Items 9-26) to include new substances.  Added DIBP, DMEP, DEP, DCHP in Item 31 and changed the limit to < 100 ppm.  Added discussion of new EN71-3 in the notes.  Sec. F: Added link to amendments for REACH regulations  Sec. G: Added new substances at Items 9 – 18 and 20-21.  Sec. H: Added additional phthalates for all locations in China.  Entire Document: Changed company name to Sonopress  Change of the Sony Green Partner Document SS-00259 to Revision 14  Sec. H: Remove two sites in Asia	R.Wartzok	
D	09.06.2016	Review UFPI 001 on new REACH requirements and actual legal changes. No changes necessary.	Wuttke, Knehans, Fahl	