GENERAL SPECIFICATION FOR THE ENVIRONMENT

1. Purpose

1.1. This specification establishes Verigy's general requirements for purchased parts, components, materials and products that are incorporated into Verigy products.

1.2. The requirements described in this specification address restrictions imposed on Verigy's products, which need to be reflected in the materials that constitute those products. The restrictions related to Verigy products may be different than those imposed on the individual parts and components, and in some cases exceed regulatory requirements.

2. Scope

2.1. This specification provides Verigy's general requirements for restricting or prohibiting certain substances as constituents of parts, components, and materials in products and packaging purchased by Verigy worldwide including specific reporting and labeling requirements.

2.2. If a supplier believes that components or assemblies they are supplying to Verigy do not conform to the General Specification for the Environment (GSE), they should send an e-mail to quality.ehs@verigy.com and copy their Verigy Buyer. The e-mail should detail the specific non-conformity and the Verigy and/or manufacturer part numbers affected.

2.3. With the exception of Ozone Depleting Substances (ODS) and Perfluorooctane Sulfanate (PFOS), this specification does not apply to substances used in the process of manufacturing parts, component materials, or products sold to Verigy.

2.4. This specification also provides Verigy's general requirements for transport or recycling/disposal marking and labeling, and classification or registration requirements for Verigy purchased parts, components, materials and products.

2.5. This specification is not intended to be a listing of all product content limitations or restrictions that may be established as a matter of law. Seller's compliance with this specification does not relieve or diminish Seller's obligation to comply with all applicable laws.

2.5.1. Precedence: Should a conflict occur between this specification and a Verigy family or individual part specification, the Verigy family or individual part specification shall prevail.

2.5.2. Exception: Legal and/or regulatory requirements for the countries where these purchased parts, components, and products are to be used take precedence over this specification or a Verigy family or individual part specification, if more restrictive.

2.6. This specification is in addition to, and does not in any way limit or supersede any other product specifications that may be established by Verigy.

3. Environmental Requirements

3.1. In this specification, environmental requirements are defined for the following:

- Product content and use of ODS restrictions
- Battery content restrictions
- Packaging content restrictions
- Phytosanitary measures for solid wood packaging materials
- Product labeling and marking requirements
- Product end of life labeling requirements
- Chemical registration requirements

4. Product Content Restrictions

4.1. The following substances are ***prohibited*** for use in raw materials, parts, components, or products above the thresholds defined below. A GSE threshold is the maximum concentration level at which the presence of a substance can be tolerated. Restrictions are divided into two categories: General Restrictions and Specific Applications. For the category of General Restrictions, the substances are not to be used in any application. For the category of Specific Applications, substances are only restricted for use in those applications listed in the table.

4.2. General Restrictions

The following substances shall not be used.

Substance	Typical Industry Uses	Comment
Asbestos, Asbestos Materials	Insulating material, plastic parts	Must not be present
Ozone Depleting Substances – Class I (See Appendix B)	Coolant, propellant, refrigerants	Must not be present and none used in the production process
Ozone Depleting Substances – Class II (See Appendix B)	Not expected, but historically HCFCs were used as substitutes for CFCs	Must not be present and none used in the production process
Polychlorinated Biphenyls (PCB)/ Terphenyls (PCT) Monomethyl-tetrachlorodiphenyl methane	Not expected, but historically used in transformers, capacitors	Must not be present
Polybrominated Biphenyls (PBB) and their ethers/oxides (PBDE)	Not expected, but historically used as flame retardant. OBDPO was found in ABS and other thermoplastics. DBDPO was found in HIPS and other thermoplastics. PeBDPO was used in polyurethane foams.	Must not be present
Perfluorooctane sulfanate (PFOS)	Surface treatments; paper and packaging protectors; performance chemicals	Not to exceed 1000 ppm in semi-finished products or articles, or parts thereof May not be used in the production process in concentrations equal or higher than 0.005% by mass (50 ppm) Derogations for certain on-going critical uses in the semiconductor and the photographic industry. For details refer to EU Directive 2006/112/EC.

4.3. Specific Applications

The following substances in any homogenous material are prohibited or limited in the applications listed below.

Substances	Restricted Application	Threshold (Not to Exceed)
Cadmium and its compounds	Dyes, Pigments, paints/enamels (excepting safety warnings), Plastic Stabilizer (electric cables), anti-corrosion coating finish	50 ppm
	Other Uses (excluding optical glass and switch contacts)	5 ppm
Lead and its compounds	Paints	5 ppm
	PVC stabilizer in cable jackets	300 ppm
Mercury and its compounds	Lamps (see also Labeling Requirements section 8.3)	10 mg/lamp
	Other Uses (excluding lamps)	Must not be present
Short chain chlorinated paraffins	Softener in paints & coatings, oils, or flame retardant in plastic, rubber or textiles	1000 ppm
Halogenated Diphenyl Methanes	Articles in direct contact with human skin (e.g. headphones)	5 ppm

4.4. Reporting of Hazardous Substances in Electrical and Electronic Products

The following substances in any homogenous material of electrical and electronic components and products are currently not restricted for Verigy products but subject to reporting (also see section 10 and appendix C).

Substances	Restricted Application	Threshold (For Reporting Purposes Only)
Lead and its compounds	In electrical and electronic components and products	1000 ppm
Mercury and its compounds	In electrical and electronic components and products	1000 ppm
Chromium VI and its Compounds	In electrical and electronic components and products	1000 ppm
Cadmium and its compounds	In electrical and electronic components and products	100 ppm

5. Battery Content Restrictions

5.1. The following substances are prohibited or limited for use in batteries.

Substance	Applicable Batteries	Threshold (Not to Exceed)
Mercury	Alkaline-manganese or Zinc-carbon batteries (except button cell)	Must not be present
	All others	5 ppm
Mercury Compounds	Mercuric Oxide batteries	Must not be present
Cadmium	Alkaline-manganese or Zinc-carbon batteries	10 ppm by weight

6. Packaging Content Restrictions

6.1. The following substances are prohibited or limited for use in packaging materials purchased by Verigy and used to package the products Verigy sells.

Substance	Restricted Application	Threshold (Not to Exceed)
Ozone depleting substances CFCs and HFCs	Foaming agent	Must not be present
Cadmium, Chromium (VI), Lead and Mercury	Packaging/Packaging Inks	100 ppm (total)

7. Phytosanitary Measures for Solid Wood Packaging Materials

The following requirement applies to packaging materials purchased by Verigy and used to package the products Verigy sells.

Packaging wood shall be free from bark, insects and damage caused by them. Solid Wood Packaging Materials shall be heat treated or kiln dried to a minimum core temperature of 56°C for at least 30 minutes in a closed chamber or kiln, which has been tested, evaluated and approved officially for this purpose. In addition, the susceptible wood shall display an officially approved heat treated or kiln dried marking enabling the identification of where and by whom the above treatment has been carried out. A logo or mark, officially endorsed by the NPPO (National Plant Protection Organization) of the country from which the wood packaging materials originates must be permanently affixed to each unit of wood packaging material, and in a location that will remain visible and obvious when packaging is used for shipment of Verigy product(s). Fumigation, Chemical Pressure Impregnation (CPI) or other chemical means are not to be used.

8. Product Labeling and Marking Requirements

8.1. Battery Labeling Requirements: Batteries, rechargeable consumer products, and their packaging must have a durable label with the symbol(s) and wording according to the requirements specified in Appendix A. Information should be supplied with products containing a battery to identify the hazardous nature of the battery. Products with user-removable batteries should be supplied with information on the safe insertion and removal of the batteries.

8.2. Battery Declaration of Conformity Requirements: Batteries, including those contained in parts, components and products, must comply with the China battery registration requirements for no mercury content. "Suppliers' Declaration of the conformity" issued by the battery manufacturer and "Battery product description such as MSDS" must be provided on request.

8.3. Mercury Product Labeling: Removable mercury lamps, as well as products containing mercury lamps, must be labeled in accordance with local regulatory requirements.

8.1. Product End of Life Labeling Requirements: All electrical and electronic products requiring the European CE marking must also have the crossed-out wheelie bin label with bar.

9. Chemical Registration Requirements

9.1. Each chemical substance contained in parts, components, materials and products sold to Verigy must comply with chemical registration and pre-manufacture notification requirements in those countries that have enacted such requirements (including but not limited to: Australia, Canada, China, Japan, South Korea, Switzerland, the United States, and the countries of the European Union). This is in order to permit import and sale of the parts, components, materials and products sold to Verigy in all of these countries.

10. Reportable Substances

10.1. Appendix C lists the reporting requirements and the report shall go to the Verigy buyer.

11. Definitions

ABS – Acrylonitrile Butadiene Styrene

CFC – Chlorinated Fluorocarbons

DBDPO - decabromodiphenyl oxide (a flame retardant)

European CE Marking – a product marking that specifies compliance to specific European Union Directives

HFC – Halogenated Fluorocarbons

Hg – elemental Mercury

Hg Compounds – compounds that contain Mercury

HIPS – High Impact Polystyrene

Homogeneous Material – a material that can not be mechanically disjoined into different materials

MSDS – Materials Safety Data Sheet

OBDPO - octabromodiphenyl oxide (a flame retardant)

ODS – Ozone Depleting Substance

Parts per Million (ppm) - used to express concentration. The ppm is 1,000,000 x mass substance / mass of the homogeneous material. Concentrations are unit-less, for example 100 ppm = 0.01% = 100 mg/kg.

PeBDPO - pentabromodiphenyl oxide (a flame retardant)

Prohibited - not allowed

PVC – Polyvinyl Chloride

Restricted – allowed in limited quantities

Suppliers Declaration of Conformity – a declaration made by a Verigy supplier that the product purchased by Verigy complies with an established list of requirements and standards.

APPENDIX A

Labeling Requirements for Batteries, Consumer Products Containing Batteries, and their Packaging

PRODUCT TYPE	SYMBOL	WORDING ON LABEL
Alkaline batteries		- Manufacturer's name and address
Alkaline zinc-manganese and zinc-manganese batteries containing < 0.025% mercury (low mercury) or < 0.0001% mercury (mercury free)		- Manufacturer's name and address - "low mercury content 低汞" - "mercury free 无汞"
Button cell batteries with mercury (<2% by weight)		- Manufacturer's name and address - "Hg"
Lead-acid (sealed) batteries and their packaging		- Manufacturer's name and address - "Pb" - "BATTERY MUST BE RECYCLED" - "NON-SPILLABLE" OR "NON-SPILLABLE BATTERY"
Lithium and lithium ion batteries		- Manufacturer's name and address - "Lithium" or "Lithium ion"
Nickel-Cadmium batteries and their packaging		- Manufacturer's name and address - "Ni-Cd" - "BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY."
Nickel metal hydride batteries		- Manufacturer's name and address - "CONTAINS NICKEL METAL HYDRIDE (NiMH) BATTERY."
Rechargeable consumer products containing not easily removable sealed lead acid batteries		- Manufacturer's name and address - "CONTAINS SEALED LEAD BATTERY. BATTERY MUST BE RECYCLED."
Rechargeable consumer products containing not easily removable Nickel-Cadmium batteries		- Manufacturer's name and address - "CONTAINS NICKEL-CADMIUM BATTERY. BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY."
Packaging of rechargeable consumer product Containing nickel-cadmium battery		- Manufacturer's name and address - "CONTAINS NICKEL-CADMIUM BATTERY. BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY."

APPENDIX B

Chemical List

Asbestos/Asbestos Materials	CAS Numbers
Asbestos and Asbestos Materials	1332-21-4
Actinolite	77536-66-4
Amosite (Grunerite)	12172-73-5
Anthophyllite	77536-67-5
Chrysotile	12001-29-5
Crocidolite	12001-28-4
Tremolite	77536-68-6

Class I Ozone Depleting Substances/Isomers*	CAS Numbers
Trichlorofluoromethane (CFC 11)	75-69-4
Dichlorodifluoromethane (CFC12)	75-71-8
Chlorotrifluoromethane (CFC 13)	75-72-9
Pentachlorofluoroethane (CFC 111)	354-56-3
Tetrachlorodifluoroethane (CFC 112)	76-12-0
Trichlorotrifluoroethane (CFC 113) 1,1,2 Trichlorotrifluoroethane	354-58-5 76-13-1
Dichlorotetrafluoroethane (CFC 114)	76-14-2
Monochloropentafluoroethane (CFC 115)	76-15-3
Heptachlorofluoropropane (CFC 211)	422-78-6 135401-87-5
Hexachlorodifluoropropane (CFC 212)	3182-26-1
Pentachlorotrifluoropropane (CFC 213)	2354-06-5 134237-31-3
Tetrachlorotetrafluoropropane (CFC 214) 1,1,1,3-Tetrachlorotetrafluoropropane	29255-31-0 2268-46-4
Trichloropentafluoropropane (CFC 215) 1,1,1-Trichloropentafluoropropane 1,2,3-Trichloropentafluoropropane	1599-41-3 4259-43-2 76-17-5
Dichlorohexafluoropropane (CFC 216)	661-97-2
Monochloroheptafluoropropane (CFC 217)	422-86-6
Bromochlorodifluoromethane (Halon 1211)	353-59-3
Bromotrifluoromethane (Halon 1301)	75-63-8
Dibromotetrafluoroethane (Halon 2402)	124-73-2
Carbon Tetrachloride (Tetrachloromethane)	56-23-5
1,1,1, - Trichloroethane (methyl chloroform) and its isomers except 1,1,2-trichloroethane	71-55-6
Bromomethane (Methyl Bromide)	74-83-9
Bromodifluoromethane and isomers (HBFC's)	1511-62-2

***Please note: These materials may contain isomers that are not listed here. Isomers with CAS numbers have been included when available. Refer to http://www.epa.gov/ozone/ods.html for chemical names and updates.**

Class II Hydrochlorofluorocarbons/ Isomers*	CAS Numbers
Dichlorofluoromethane (HCFC 21)	75-43-4
Chlorodifluoromethane (HCFC 22)	75-45-6
Chlorofluoromethane (HCFC 31)	593-70-4
Tetrachlorofluoroethane (HCFC 121) 1,1,1,2-tetrachloro-2-fluoroethane (HCFC 121a) 1,1,2,2-tetracloro-1-fluoroethane	134237-32-4 354-11-0 354-14-3
Trichlorodifluoroethane (HCFC 122) 1,2,2-trichloro-1,1-difluoroethane	41834-16-6 354-21-2
Dichlorotrifluoroethane(HCFC 123) Dichloro-1,1,2-trifluoroethane 2,2-dichloro-1,1,1-trifluroethane 1,2-dichloro-1,1,2-trifluroethane (HCFC-123a) 1,1-dichloro-1,2,2-trifluroethane (HCFC-123b) 2,2-dichloro-1,1,2-trifluroethane (HCFC-123b)	34077-87-7 90454-18-5 306-83-2 354-23-4 812-04-4 812-04-4
Chlorotetrafluoroethane (HCFC 124) 2-chloro-1,1,1,2-tetrafluoroethane 1-chloro-1,1,2,2-tetrafluoroethane (HCFC 124a)	63938-10-3 2837-89-0 354-25-6
Trichlorofluoroethane (HCFC 131) 1-Fluoro-1,2,2-trichloroethane 1,1,1-trichloro-2-fluoroethane (HCFC131b)	27154-33-2 (134237-34-6) 359-28-4 811-95-0
Dichlorodifluoroethane (HCFC 132) 1,2-dichloro-1,1-difluoroethane (HCFC 132b) 1,1-dichloro-1,2-difluoroethane (HFCF 132c) 1,1-dichloro-2,2-difluoroethane 1,2-dichloro-1,2-difluoroethane	25915-78-0 1649-08-7 1842-05-3 471-43-2 431-06-1
Chlorotrifluoroethane (HCFC 133) 1-chloro-1,2,2-trifluoroethane 2-chloro-1,1,1-trifluoroethane (HCFC-133a)	1330-45-6 1330-45-6 75-88-7
Dichlorofluoroethane(HCFC 141)	1717-00-6; (25167-88-8)

1,1-dichloro-1-fluoroethane (HCFC-141b) 1,2-dichloro-1-fluoroethane	1717-00-6 430-57-9
Chlorodifluoroethane (HCFC 142) 1-chloro-1,1-difluoroethane (HCFC142b) 1-chloro-1,2-difluoroethane (HCFC142a)	25497-29-4 75-68-3 25497-29-4
Hexachlorofluoropropane (HCFC 221)	134237-35-7
Pentachlorodifluoropropane (HCFC 222)	134237-36-8
Tetrachlorotrifluropropane (HCFC 223)	134237-37-9
Trichlorotetrafluoropropane (HCFC 224)	134237-38-0
Dichloropentafluoropropane, (Ethyne, fluoro-) (HCFC 225) 2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC 225aa) 2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC 225ba) 1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC 225bb) 3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC 225ca) 1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC 225cb) 1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC 225cc) 1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC 225da) 1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC 225ea) 1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC 225eb)	127564-92-5; (2713-09-9) 128903-21-9 422-48-0 422-44-6 422-56-0 507-55-1 13474-88-9 431-86-7 136013-79-1 111512-56-2
Chlorohexafluoropropane (HCFC 226)	134308-72-8
Pentachlorofluoropropane (HCFC 231)	134190-48-0
Tetrachlorodifluoropropane (HCFC 232)	134237-39-1
Trichlorotrifluoropropane (HCFC 233) 1,1,1-Trichloro-3,3,3-trifluoropropane	134237-40-4 7125-83-9
Dichlorotetrafluoropropane (HCFC 234)	127564-83-4
Chloropentafluoropropane (HCFC 235) 1-Chloro-1,1,3,3,3-pentafluoropropane	134237-41-5 460-92-4
Tetrachlorofluoropropane (HCFC 241)	134190-49-1
Trichlorodifluoropropane (HCFC 242)	134237-42-6
Dichlorotrifluoropropane (HCFC 243) 1,1-dichloro-1,2,2-trifluoropropane 2,3-dichloro-1,1,1-trifluoropropane 3,3-Dichloro-1,1,1-trifluoropropane	134237-43-7 7125-99-7 338-75-0 460-69-5
Chlorotetrafluoropropane (HCFC 244) 3-chloro-1,1,2,2-tetrafluoropropane	134190-50-4 679-85-6
Trichlorofluoropropane (HCFC 251) 1,1,3-trichloro-1-fluoropropane	134190-51-5 818-99-5
Dichlorodifluoropropane (HCFC 252)	134190-52-6
Chlorotrifluoropropane (HCFC 253) 3-chloro-1,1,1-trifluoropropane (HCFC 253fb)	134237-44-8 460-35-5
Dichlorofluoropropane (HCFC 261) 1,1-dichloro-1-fluoropropane	134237-45-9 7799-56-6
Chlorodifluoropropane (HCFC 262) 2-chloro-1,3-difluoropropane	134190-53-7 102738-79-4
Chlorofluoropropane (HCFC 271) 2-chloro-2-fluoropropane	134190-54-8 420-44-0

***Please note: These materials may contain isomers that are not listed here. Isomers with CAS numbers have been included when available. Refer to http://www.epa.gov/ozone/ods.html for chemical names and updates**

Polychlorinated Biphenyls (PCBs) and Terphenyls (PCTs)	**CAS Numbers**
Polychlorinated Biphenyls	1336-36-3
Aroclor	12767-79-2
Chlorodiphenyl (Aroclor 1260)	11096-82-5
Kanechlor 500	27323-18-8
Aroclor 1254	11097-69-1
Terphenyls	26140-60-3

Polybrominated Biphenyls (PBBs) and their Ethers/Oxides	**CAS Numbers**
Examples of Common PBB/PBDE Compounds	
Bromobiphenyl and its ethers	2052-07-5 (2-Bromobiphenyl) 2113-57-7 (3-Bromobiphenyl 92-66-0 (4-Bromobiphenyl) 101-55-3 (ether)
Decabromobiphenyl and its ethers	13654-09-6 1163-19-5 (ether)
Dibromobiphenyl and its ethers	92-86-4 2050-47-7 (ether)
Heptabromobiphenylether	68928-80-3
Hexabromobiphenyl and its ethers	59080-40-9 36355-01-8 (hexabromo-1,1'-biphenyl) 67774-32-7 (Firemaster FF-1) 36483-60-0 (ether)

Nonabromobiphenylether	63936-56-1
Octabromobiphenyl and its ethers	61288-13-9 32536-52-0 (ether)
Pentabromobiphenyl ether	32534-81-9
Polybrominated Biphenyls*	59536-65-1
Tetrabromobiphenyl Tetrabromobiphenyl ether	40088-45-7 40088-47-9
Tribromobiphenyl ether	49690-94-0

* Polybrominated Biphenyl(s)=Polybromobiphenyl(s) =Polybromodiphenyl(s)

Certain Glycol Ethers	**CAS Numbers**
2-Ethoxyethanol	110-80-5
2-Ethoxyethyl acetate	111-15-9
2-Methoxyethanol	109-86-4
2-Methoxyethyl acetate	110-49-6
Diethylene glycol dimethyl ether	111-96-6

Cadmium and its Compounds	**CAS Numbers**
Cadmium	7440-43-9
Examples of Common Cadmium Compounds	
Cadmium oxide	1306-19-0
Cadmium sulfide	1306-23-6

Chromium VI and its Compounds	**CAS Numbers**
Chromium	7440-47-3
Examples of Common Chromium Compounds	
Barium chromate	10294-40-3
Calcium chromate	13765-19-0
Chromic acetate	1066-30-4
Chromium trioxide	1333-82-0
Lead chromate	7758-97-6
Sodium chromate	7775-11-3
Sodium dichromate	10588-01-9
Strontium chromate	7789-06-2
Zinc chromate	13530-65-9

Lead and its Compounds	**CAS Numbers**
Lead	7439-92-1
Examples of Common Lead Compounds	
Lead sulfate	7446-14-2
Lead carbonate	598-63-0
Lead hydrocarbonate	1319-46-6
Lead acetate	301-04-2
Lead (II) acetate, trihydrate	6080-56-4
Lead phosphate	7446-27-7
Lead selenide	12069-00-0

Mercury and its Compounds	**CAS Numbers**
Mercury	7439-97-6
Examples of Common Mercury Compounds	
Mercuric chloride	33631-63-9
Mercury bichloride	7487-94-7
Mercuric sulfate	7783-35-9
Mercuric nitrate	10045-94-0
Mercuric oxide	21908-53-2
Mercuric sulfide	1344-48-5

Short Chain Chlorinated Paraffins	**CAS Numbers**
Examples of Short Chain Chlorinated Paraffins	
Chlorinated Paraffin	63449-39-8
Chlorinated Paraffin	85535-84-8

Halogenated Diphenyl Methanes	**CAS Numbers**
Monomethyltetrachlorodiphenylmethane	76253-60-6
Monomethyldichlorodiphenylmethane	81161-70-8
Monomethyldibromodiphenylmethane	99788-47-8

Perfluorooctane Compounds	**CAS Numbers**
Perfluorooctane sulfanate (PFOS)	215-607-8
Perfluorooctane acid (PFOA)	1763-23-1
Perfluorooctane ammonium (NH4+) salt	29081-56-9
Perfluorooctane diethanolamine salt	70225-14-8
Perfluorooctane potassium (K+) salt	2795-39-3
Perfluorooctane lithium (Li+) salt	29457-72-5

APPENDIX C

Reportable Substances

The concentration or amount of the following substances in material may be requested for reporting compliance to Verigy restrictions defined in this document. The substances marked for mandatory reporting refer the application in electronic and electrical products and components as per section 4.4.

Reportable Substance or compound	Mandatory Reporting
Asbestos	
Azo Compounds	
Cadmium and its Compounds	X
Halagonated Diphenyl Methanes	
Hexavalent Chromium and its Compounds	X
Mercury and its Compounds	X
Ozone Depleting Substances (ODSs) see Appendix B & Table D.1	
Polybrominated biphenyls (PBBs)	X
Polybrominated diphenylethers (PBDEs)	X
Polychlorinated Biphenyls (PCBs) and Terphenyls (PCTs)	
Polychlorinated Naphthalenes (more than 3 chlorine atoms)	
Lead and Lead Compounds	X
Shortchain Chlorinated Paraffins	
Tributyl Tin (TBT) and Triphenyl Tin (TPT)	
Tributyl Tin Oxide (TBTO)	

SPECIFICATION REVISION HISTORY

Revision	Change Details	Document Owner	Approved By	Date
A	First Version for Verigy	Bill Jones	Bill Jones	17 Jul 2006
B	Updated to account for upcoming RoHS needs and miscellaneous editing and formatting	Glenn Zimmermann	Bill Jones	16 Oct 2006
C	Added PFOS requirements, removed Agilent fonts	Glenn Zimmermann	Barrie Simpson	09 Jul 2007