



**2011**  
**VF Corporation**  
**Restricted Substance List**  
**(RSL)**

**Supplier Policy**

Applicable to all products of  
VF Corporation or any of its subsidiaries

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## Introduction

The Restricted Substance List (RSL) applies to all VF Products<sup>1</sup>, including but not limited to apparel, footwear, equipment, accessories and other products of value. The RSL also applies to all Raw Materials<sup>2</sup>, parts, trims, sundries, chemicals and other goods supplied or used in the manufacture of VF Products.

The RSL is an integral part of VF's quality and safety programs and must be shared with all vendors, suppliers and other players throughout the product supply chain.

This 2011 RSL (March 2011 Version) is effective for all production commencing after May 1, 2011. Unless otherwise revised or cancelled, this RSL will remain in effect for all VF Products and Raw Materials delivered to VF after May 1, 2011.

Each supplier of VF Product or Raw Material represents and warrants that each of its materials (whether a VF Product or Raw Material) complies with all provisions of the RSL (including, but not limited to, the RSL prohibitions, restrictions and other requirements) and that the supplier agrees to indemnify and hold harmless VF Corporation and its subsidiaries and brands (collectively, "VF") from any claim, loss, damage or other detriment, resulting from any such supplier's non-compliance.

We require our suppliers and business partners to study this document carefully, implement management processes in their operations to comply with these requirements (including a verification process), and communicate the information to their internal teams and raw material suppliers.

We require each of our suppliers of VF Products or Raw Materials to certify their compliance to the 2011 VF Corporate RSL by executing the Supplier RSL Compliance Agreement (Section 1 of this document) and sending this agreement to Kim Smith, Manager of VF Procurement Services, by email to [RSL@vfc.com](mailto:RSL@vfc.com) or by fax to +1.336.424.4265.

Should you have any questions or concerns about this document, please do not hesitate to contact your VF corporate or brand contact person, one of the contact people listed in Appendix 1, or the general RSL mailbox for VF ([RSL@vfc.com](mailto:RSL@vfc.com)).

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<sup>1</sup> VF Products include all products that VF Corporation or any of its subsidiaries or agents on behalf of VF offers for sale. These include apparel, non-apparel, footwear, accessories, equipment and all other items sold by, for, or on behalf of VF Corporation or one of its subsidiaries.

<sup>2</sup> Raw Materials are defined by any material or intermediary material used in the manufacture of a VF Product. Examples of Raw Materials include fabrics (natural or synthetic), leather, plastic parts, metal parts, chemicals, paint, rope, string, buttons, zippers, snaps, or any other good used in the production of a VF Product.

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## **Section 1: VF Corporation 2011 RSL Compliance Agreement**

VF Corporation and each of its subsidiaries, business units and brands (collectively, "VF") requires each supplier of VF Products or Raw Materials to confirm its understanding of the VF Restricted Substance List (RSL) by executing the following VF 2011 RSL Supplier Compliance Agreement. Each supplier of a VF Product or Raw Material represents and warrants that each of its materials complies with all provisions of the RSL (including, but not limited to, the RSL prohibitions, restrictions and other requirements) and that the supplier will indemnify and hold harmless VF from any claim, loss, damage or other detriment, resulting from any such supplier's non-compliance.

We require our suppliers and business partners to study this document carefully, implement management and verification (testing and auditing) processes in their operations to comply with these requirements, and communicate the information to their internal teams and raw material suppliers.

We require each of our suppliers of a VF Product or Raw Material to certify their compliance to the 2011 VF Corporation RSL by executing the Supplier RSL Compliance Agreement and sending this agreement to [rsl@vfc.com](mailto:rsl@vfc.com) or Kim Smith, Manager of VF Procurement Services, by email to [kim\\_smith@vfc.com](mailto:kim_smith@vfc.com) or by fax to +1.336.424.4265.

## VF Corporation 2011 RSL Supplier Compliance Agreement

We understand that VF's Restricted Substance List program is an important aspect of the business of VF Corporation and its subsidiaries and brands (collectively, "VF") and adds significant value to VF's brands. Accordingly, we hereby declare and agree that:

- We have received, read, fully understand and will keep fully apprised of VF's Restricted Substance List, including its prohibitions, limitations and requirements, as published in 2011 [MARCH 2011 VERSION] and as it may be amended from time to time, hereafter the "RSL";
- Compliance with the RSL is a condition to and incorporated in each and every order placed by VF or one of VF's subsidiaries or business units; each shipment constitutes our warranty that the materials, parts, chemicals and other goods shipped by us fully comply with the RSL;
- We understand and agree that every order VF gives us is in reliance on this agreement;
- We certify that each current and future material, part, chemical and other good, that we supply or otherwise deliver to VF meets, and will continue to meet, each prohibition, limitation and other requirement of the RSL;
- VF reserves the right, but not the obligation, to test, by the RSL-specified method, or other appropriate method, any ordered material, part, chemical and other good, at any time or stage of production;
- We agree to keep available for at least ten (10) years from the delivery date of any order to VF, all information concerning any substances we use in manufacturing VF's orders.
- Failure to comply with the RSL is a material breach of any agreement we have with VF, notwithstanding any other term of that agreement;
- We do and will continue to hold VF, its agents and its employees harmless against, and will defend and indemnify VF, its agents and its employees against, any and all claims, losses, liabilities, expenses, and damages, including reasonable attorneys fees and costs, caused by our failure to comply with any prohibition, limitation or other requirement of the RSL or this Agreement.

The undersigned is an owner, director, officer or managing agent, authorized to agree to and sign this Agreement on behalf of the company identified below.

Signature: \_\_\_\_\_ Company: \_\_\_\_\_

Printed name: \_\_\_\_\_ Address: \_\_\_\_\_

Position: \_\_\_\_\_

Email address: \_\_\_\_\_ Date: \_\_\_\_\_

**Send the executed Compliance Agreement to the attention of Ms. Kim Smith at:**

**By e-mail:** [rsl@vfc.com](mailto:rsl@vfc.com) or [kim\\_smith@vfc.com](mailto:kim_smith@vfc.com)

**By fax:** +1.336.424.4265

## **Section 2: Substances Which May Be Found in Some Products**

This section lists the substances which may be found in VF Products and are of primary focus for VF Corporation and its subsidiaries (collectively referred to herein as “VF”). The substances, limit values and test methods listed in Section 1 shall be diligently studied and understood by each supplier of a VF Product or Raw Material. Each supplier must develop a management system to ensure all materials produced meet each and every requirement of this Section.

This section contains limitation on the following groups of substances or substance restrictions based on product type:

- Aromatic Amines from Azo Dyes
- Disperse and Other Dyes
- Metals
- Phthalates
- Auxiliary Substances
- Organotins
- APEOs
- Polycyclic Aromatic Hydrocarbons (PAHs)
- Solvents and Volatile Organic Compounds (VOCs)
- Chlorinated Aromatics
- Flame Retardants
- Packaging
- RoHS – Electrical and Electronic Equipment
- Food Contact Materials
- PVC Phase-out

## A: Aromatic Amines from Azo Dyes

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg) <sup>3</sup>	Test Method <sup>4</sup>
4-Aminoazobenzene <sup>5</sup>	60-09-3	Not Detected	<b>Products for all markets except China:</b> EU REACH <u>Natural fibers:</u> EN 14362-1 <u>Synthetic fibers:</u> EN 14362-2 <u>Natural leather:</u> ISO/TS 17234-1 [RL=20]  <b>Products for China market:</b> China Standard GB 18401 <u>Textile:</u> GB/T 17592  China Standard GB 20400 <u>Natural leather:</u> GB/T 19942 [RL=20]
<i>o</i> -Aminoazotoluene	97-56-3		
4-Aminodiphenyl	92-67-1		
2-Amino-4-nitrotoluene	99-55-8		
<i>o</i> -Anisidine	90-04-0		
Benzidine	92-87-5		
<i>p</i> -Chloroaniline	106-47-8		
4-Chloro- <i>o</i> -toluidine	95-69-2		
<i>p</i> -Cresidine	120-71-8		
2,4-Diaminoanisole	615-05-4		
4,4'-Diamino-diphenylmethane	101-77-9		
3,3'-Dichlorobenzidine <sup>6</sup>	91-94-1		
3,3'-Dimethoxybenzidine	119-90-4		
3,3'-Dimethylbenzidine	119-93-7		
3,3'-Dimethyl-4,4'-diamino-diphenylmethane	838-88-0		
4,4'-Methylene-bis-(2-chloraniline)	101-14-4		
2-Naphthylamine	91-59-8		
4,4'-Oxydianiline	101-80-4		
4,4'-Thiodianiline	139-65-1		
2,4-Toluenediamine	95-80-7		
<i>o</i> -Toluidine	95-53-4		
2,4,5-Trimethylaniline	137-17-7		
2,4-Xylidine	95-68-1		
2,6-Xylidine	87-62-7		

<sup>3</sup> The concentration limit is set for each substance as measured on the final product and represents the maximum allowable amount of the respective substance which is allowable in a RSL-compliant product. Any reference to the term "Usage Ban" indicates that the substance for which there is a usage ban is prohibited from use but that an acceptable trace amount is allowed up to the designated trace value ("TR"). Any reference to the term "Not Detected" indicates that the substance must not be detected in the final product.

<sup>4</sup> The test method indicated shall be used by the VF approved laboratory to determine compliance with the RSL. The method's Reporting Limit is provided with designation ("RL").

<sup>5</sup> For analysis of 4-Aminoazobenzene, use test method §64 LFGB 82.02.9 or GB/T 23344 for textiles and ISO/DIN 17234-2.

<sup>6</sup> 3,3'-dichlorobenzidine has been reported to be found when printing using a combination of Pigment Black 7 with either Pigment Orange 13 or Pigment Orange 34. This combination of pigments shall be avoided.

## B: Disperse Dyes and Other Dyes

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
<b>Disperse Dyes</b>		Non Detected	DIN 54231 <sup>7</sup> Units in mg/l [RL=5]
Disperse Blue 1	2475-45-8		
Disperse Blue 3	2475-46-9		
Disperse Blue 7	3179-90-6		
Disperse Blue 26	3860-63-7		
Disperse Blue 35	12222-75-2		
Disperse Blue 102	12222-97-8		
Disperse Blue 106	12223-01-7		
Disperse Blue 124	61951-51-7		
Disperse Brown 1	23355-64-8		
Disperse Orange 1	2581-69-3		
Disperse Orange 3	730-40-5		
Disperse Orange 11	82-28-0		
Disperse Orange 37/59/76	13301-61-6		
Disperse Orange 149	85136-74-9		
Disperse Red 1	2872-52-8		
Disperse Red 11	2872-48-2		
Disperse Red 17	3179-89-3		
Disperse Yellow 1	119-15-3		
Disperse Yellow 3	2832-40-8		
Disperse Yellow 9	6373-73-5		
Disperse Yellow 23	6250-23-3		
Disperse Yellow 39	12236-29-2		
Disperse Yellow 49	54824-37-2		
<b>Other Dyes</b>			
Acid Red 26	3761-53-3		
Basic Red 9	569-61-9		
Basic Violet 14	632-99-5		
Direct Black 38	1937-37-7		
Direct Blue 6	2602-46-2		
Direct Red 28	573-58-0		

<sup>7</sup> The result for test method DIN 54231 is reported in milligrams of dye per liter of extract.

## C: Metals

Metal Restrictions for All Base Textile Materials and Fabrics (including natural, synthetic and leather)				
Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)		Test Method
<u>Extractable Metal Content</u> <sup>8</sup>		<u>Non-Leather</u>	<u>Leather</u>	
Antimony (Sb)	7440-36-0	30	30	<u>Non-leather:</u> EN ISO 105-E04 ICP-MS  <u>Leather:</u> EN ISO 17072-1: 2011
Arsenic (As)	7440-38-2	Usage Ban [TR=0.2]	Usage Ban [TR=0.2]	
Cadmium (Cd)	7440-43-9	Usage Ban [TR=0.1]	Usage Ban [TR=0.1]	
Chromium, Hexavalent (CR <sup>6+</sup> )	18540-29-9	N/A	Non Detected [RL=3]	
Chromium (Cr), total	7440-47-3	1	N/A	
Cobalt (Co)	7440-48-4	1	1	
Copper (Cu)	7440-50-8	25	25	
Lead (Pb)	7439-92-1	Usage Ban [TR=0.2]	Usage Ban [TR=0.2]	
Mercury (Hg)	7439-97-6	Usage Ban [TR=0.02]	Usage Ban [TR=0.02]	
Nickel (Ni)	7440-02-0	1	N/A	
<u>Total Metal Content</u>		<u>Non-Leather</u>	<u>Leather</u>	
Cadmium (Cd)	7440-43-9	N/A	100	EN 1122 or acid digestion
Lead (Pb)	7439-92-1	N/A	90	CPSC-CH-E1002-08 Mod EPA 3051 / ICP-MS Mod ASTM E1613-04

<sup>8</sup> Extractable Metal Content – the sample is extracted with aqueous solution/acid, and the metal content is determined from the extract.

**Metal Restrictions for All Parts, Metal and Non-Metal  
(including sundries, trims, buckles, toys, plastic parts and plastic fabrics)**

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)		Test Method
		Children	Adult	
<b>Extractable Metal Content</b> <sup>8</sup>		<b>Children</b>	<b>Adult</b>	
Antimony (Sb)	7440-36-0	60	N/A	ASTM F963-08
Arsenic (As)	7440-38-2	25	N/A	
Barium (Ba)	7440-39-3	1,000	N/A	
Cadmium (Cd)	7440-43-9	75	N/A	
Chromium (Cr), total	7440-47-3	60	N/A	
Lead (Pb)	7439-92-1	90	N/A	
Mercury (Hg)	7439-97-6	60	N/A	
Selenium (Se)	7782-49-2	500	N/A	
Nickel (Ni)	7440-02-0	0.5 µg/cm <sup>2</sup> /week	0.5 µg/cm <sup>2</sup> /week	EN 1811 <sup>9</sup>
<b>Total Metal Content</b>		<b>Children and Adult</b>		
Cadmium (Cd)	7440-43-9	100		EN 1122 or acid digestion
Lead (Pb)	7439-92-1	90		CPSC-CH-E1002-08 Mod EPA 3051 / ICP-MS Mod ASTM E1613-04

<sup>9</sup> For metallic parts without a surface coating or plating, test in accordance with method EN 1811. For metallic parts with a surface coating or plating, perform EN 12472 then test in accordance with method 1811. The same limit applies regardless of the test method used.

### Metal Restrictions for All Jewelry (children and adult)

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Extractable Metal Content <sup>8</sup>		Children and Adult	
Antimony (Sb)	7440-36-0	60	ASTM F963-08
Arsenic (As)	7440-38-2	25	
Barium (Ba)	7440-39-3	1,000	
Cadmium (Cd)	7440-43-9	75	
Chromium (Cr), total	7440-47-3	60	
Lead (Pb)	7439-92-1	90	
Mercury (Hg)	7439-97-6	60	
Selenium (Se)	7782-49-2	500	
Nickel (Ni), non-pierced	7440-02-0	0.5 µg/cm <sup>2</sup> /week	EN 1811 <sup>10</sup>
Nickel (Ni), pierced	7440-02-0	0.2 µg/cm <sup>2</sup> /week	
Total Metal Content		Children and Adult	
Cadmium (Cd)	7440-43-9	75	EN 1122 or acid digestion
Lead (Pb)	7439-92-1	40	CPSC-CH-E1002-08

### D: Phthalates

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
<b>All esters of ortho-phthalic acid, including, but not limited to, the following:</b>		Usage Ban [TR=500 mg/kg each phthalate; 1,000 mg/kg total phthalates]	CPSC-CH-C1001-09
Di(ethylhexyl) phthalate (DEHP)	117-81-7		
Di-n-octyl phthalate (DNOP)	117-84-0		
Di-iso-butyl phthalate (DIBP)	84-69-5		
Di-iso-nonyl phthalate (DINP)	28553-12-0		
Di-iso-decyl phthalate (DIDP)	26761-40-0		
Butyl benzyl phthalate (BBP)	85-68-7		
Dibutyl phthalate (DBP)	84-74-2		

<sup>10</sup> For metallic parts without a surface coating or plating, test in accordance with method EN 1811. For metallic parts with a surface coating or plating, perform EN 12472 then test in accordance with method 1811. The same limit applies regardless of the test method used.

## E: Auxiliary Substances

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Formaldehyde <sup>11</sup>	50-00-0	<u>Children</u> : 20 <u>Adults (with direct skin contact)</u> <sup>12</sup> : 75 <u>Adults (without direct skin contact)</u> <sup>13</sup> : 200	<u>Textile</u> : EN ISO 14184-1  <u>Natural Leather</u> : <b>Products for all markets except China:</b> EN ISO 17226-1 or 2 <b>Products for China market:</b> GB/T 19941
Perfluorooctane sulfonate (PFOS)	2795-39-3	Usage Ban [TR=1 µg/m <sup>2</sup> ]	Solvent extraction / LC-MS
Perfluorooctanoic acid, ammonium salt (PFOA)	3825-26-1	Usage Ban [TR=1]	Solvent extraction / LC-MS-MS
Dimethylfumarate (DMFu)	624-49-7	Usage Ban [TR=0.1]	Solvent extraction / GC-MS, for confirmation, LC-MS

## F: Organotin Compounds

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Dibutyltin (DBT)	1002-53-5	1	Ethanol extraction, ISO 17353 [RL=0.05]
Tributyltin (TBT)	56573-85-4	Not Detected	
Triphenyltin (TPhT)	668-34-8		
Diocetyl tin (DOT)	15231-44-4	1	

<sup>11</sup> EXCEPTION: For baby products (age 0 – 24 months) intended for the Japanese market, the formaldehyde concentration must be below an absorbency (A-A<sub>0</sub>) limit of 0.05 using JIS L1041-1983, Method A.

<sup>12</sup> Direct skin contact: any part of the product (e.g.: collar, cuff, body, sleeves) is in direct prolonged contact with the skin. (e.g.: leather gloves without inner lining) during normal use.

<sup>13</sup> Without direct skin contact: during normal use, only a portion of the product may occasionally contact the skin (e.g. leather jacket). The product must have a lining which meet the RSL requirements. Leather products without lining are considered as direct skin contact.

### G: Alkyl Phenols and Alkyl Phenol Ethoxylates (APs and APEOs)

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Nonylphenol (NP)	Various CAS numbers	100	GC-MS or LC-MS
Nonylphenol ethoxylate (NPEO)	Various CAS numbers	100	
Octylphenol (OP)	Various CAS numbers	100	
Octylphenol ethoxylate (OPEO)	Various CAS numbers	100	

### H: Polycyclic Aromatic Hydrocarbons (PAH)

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Benzo[a]pyrene	50-32-8	1	Solvent extraction / GC-MS or LC-MS
Acenaphthene	83-32-9	10 [Total of all PAH]	
Acenaphthalene	208-96-8		
Anthracene	120-12-7		
Benzo[a]anthracene	56-55-3		
Benzo[a]pyrene	50-32-8		
Benzo[b]fluoranthene	205-99-2		
Benzo[e]pyrene	192-97-2		
Benzo[ghi]perylene	191-24-2		
Benzo[j]fluoranthene	205-82-3		
Benzo[k]fluoranthene	207-08-9		
Chrysene	218-01-9		
Dibenzo[a,h]anthracene	53-70-3		
Fluoranthene	206-44-0		
Fluorene	86-73-7		
Indeno[1,2,3-cd] pyrene	193-39-5		
Naphthalene	91-20-3		
Phenanthrene	85-01-8		
Pyrene	129-00-0		

## I: Solvents and Volatile Organic Compounds (VOCs)

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Benzene	71-43-2	Usage Ban [TR=5]	Solvent extraction / GC-MS or LC-MS
N,N-Dimethylformamide (DMF)	68-12-2	1,000	
N-Methylpyrrolidone (NMP)	872-50-4	Usage Ban [TR=10]	
Tetrachloroethene (Perchloroethylene)	127-18-4	10	
Toluene	108-88-3	Usage Ban [TR=5]	
Trichloroethylene (TCE)	79-01-6	50	
1,1,1-Trichloroethane	71-55-6	1,000	
Tetrachloromethane	56-23-5		
Trichloromethane (Chloroform)	67-66-3		
1,1,2-Trichloroethane	79-00-5		
1,1,2,2-Tetrachloroethane	79-34-4		
1,1,1,2-Tetrachloroethane	630-20-6		
Pentachloroethane	76-01-7		
1,1-Dichloroethylene	75-35-4		

## J: Chlorinated Aromatics

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Pentachlorophenol (PCP)	87-86-5	Not Detected	§64 LFGB 82.02.8 <sup>14</sup> [RL=0.5]
Tetrachlorophenol (TeCP)	25167-83-3		
Chlorinated benzenes <sup>15</sup>	Various CAS numbers	Usage Ban [TR=20]	Solvent extraction / GC-MS
Chlorinated toluenes	Various CAS numbers	Usage Ban [TR=4]	

<sup>14</sup> PCP and TeCP analysis for leather substrates requires test method ISO 17070.

<sup>15</sup> Chlorinated benzenes include monochlorobenzene (108-90-7), all isomers of di-, tri-, and tetra-chlorobenzenes, pentachlorobenzene (608-93-5), and hexachlorobenzene (118-74-1).

## K: Flame Retardants

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Chlorinated paraffins (C10-C13)	85535-84-8	Usage Ban [TR=5]	Solvent extraction / GC-MS
Hexabromocyclododecane (HBCDD)	25637-99-4		
Polybrominated byphenyls (PBBs)	59536-65-1		
Penta-bromodiphenyl ether (pentaBDE)	32534-81-9		
Octa-bromodiphenyl ether (octaBDE)	32536-52-0		
Deca-bromodiphenyl ether (decaBDE)	1163-19-5		
Tri- <i>o</i> -cresyl phosphate	78-30-8		
Tris (2,3-dibromopropyl) phosphate (TRIS)	126-72-7		
Bis (2,3-dibromopropyl) phosphate	5412-25-9	Usage Ban [TR=5]	KOH digestion / headspace Analysis of ethyleneimine Fragment by GC-MS
Tris (1-aziridinyl)-phosphate oxide (TEPA)	545-55-1		

## L: Restrictions on Packaging

In numerous jurisdictions where VF operates, VF must comply with various toxics in packaging requirements. All packages, packaging components and packaged retail-ready products supplied to VF Corporation or otherwise used in the delivery of VF Products shall be in compliance with the following packaging restrictions.

A signed RSL Compliance Agreement serves as the packaging supplier's certification and the VF Product supplier's certification that associated packaging materials are in compliance with the VF packaging restrictions.

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method	
Cadmium (Cd)	7440-43-9	Usage Ban [TR= 100 mg/kg total]	CEN/TR 13695-1	
Lead (Pb)	7439-92-1			
Chromium (Cr <sup>+6</sup> ) – hexavalent	18540-29-9			Usage Ban [TR=3]
Mercury (Hg)	7439-97-6			Usage Ban [TR=0.02]
PVC	9002-86-2	Usage Ban	Beilstein Test for screening, FTIR for confirmation	
Dimethyl fumarate	624-49-7	Usage Ban [TR=0.1]	Solvent extraction / GC-MS, for confirmation, LC-MS	

## M: RoHS<sup>16</sup> – Electrical and Electronic Equipment

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Cadmium (Cd)	7440-43-9	100	111/54/CDV: IEC 62321, Ed. 3
Chromium (Cr <sup>+6</sup> ) – hexavalent	18540-29-9	1,000 for each substance	
Lead (Pb)	7439-92-1		
Mercury (Hg)	7439-97-6		
Polybrominated biphenyls (PBB)	59536-65-1		
Polybrominated diphenyl ethers (PBDE)	Various CAS numbers		

<sup>16</sup> RoHS refers to the Restriction of the use of certain Hazardous Substances in electrical and electronic equipment. RoHS applies to electrical and electronic products. The limits listed are by weight of homogeneous material (single material that is separated mechanically).

## N: Food Contact Materials

All food contact products and materials supplied to VF must comply with food contact requirements in the countries where the VF products are sold or marketed. Suppliers of products and materials intended for food contact applications agree to comply with applicable food contact regulations (such as in the US, EU or China). The substances listed below represent additional restrictions.

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Bisphenol A (BPA)	80-05-7	Usage Ban (TR=0.1)	Solvent extraction / GC-MS
PVC	9002-86-2	Usage Ban	Beilstein Test for screening, FTIR for confirmation
<b>All esters of ortho-phthalic acid, including, but not limited to, the following:</b>		Usage Ban [TR=500 mg/kg each phthalate; 1,000 mg/kg total phthalates]	CPSC-CH-C1001-09
Di(ethylhexyl) phthalate (DEHP)	117-81-7		
Di-n-octyl phthalate (DNOP)	117-84-0		
Di-iso-butyl phthalate (DIBP)	84-69-5		
Di-iso-nonyl phthalate (DINP)	28553-12-0		
Di-iso-decyl phthalate (DIDP)	26761-40-0		
Butyl benzyl phthalate (BBP)	85-68-7		
Dibutyl phthalate (DBP)	84-74-2		

## O: Phase-Out of Polyvinyl Chloride (PVC)

VF prefers that products do not contain PVC, however we acknowledge certain challenges may prevent the immediate cessation of PVC use. VF supports efforts to find acceptable alternatives to PVC use in all products, with the ultimate objective being a comprehensive prohibition on all PVC use. At this time, PVC is prohibited from use in all packaging and food contact materials. Many product lines have successfully eliminated all PVC use, and in many specific products, PVC use is formally prohibited.

## Section 3: Substances Which are Not Likely Found in Products

### **A: Dioxins and Furans**

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
<b>Group 1</b>			
2,3,7,8-Tetrachlorodibenzo- <i>p</i> -dioxin	1746-01-6	Unavoidable traces acceptable up to 1 µg/kg for Group 1	U.S. EPA Method 8290
1,2,3,7,8-Pentachloro-dibenzo- <i>p</i> -dioxin	40321-76-4		
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9		
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4		
<b>Group 2</b>			
1,2,3,4,7,8-Hexachloro-dibenzo- <i>p</i> -dioxin	39227-28-6	Unavoidable traces acceptable up to 5 µg/kg for sum of Groups 1 & 2	U.S. EPA Method 8290
1,2,3,7,8,9-Hexachloro-dibenzo- <i>p</i> -dioxin	19408-74-3		
1,2,3,6,7,8-Hexachloro-dibenzo- <i>p</i> -dioxin	57653-85-7		
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6		
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9		
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9		
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9		
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5		
<b>Group 3</b>			
1,2,3,4,6,7,8-Heptachloro-dibenzo- <i>p</i> -dioxin	35822-46-9	Unavoidable traces acceptable up to 100 µg/kg for sum of Groups 1, 2, and 3	U.S. EPA Method 8290
1,2,3,4,6,7,8,9-Octachlorodibenzo- <i>p</i> -dioxin	3268-87-9		
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4		
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0		
<b>Group 4</b>			
2,3,7,8-Tetrabromodibenzo- <i>p</i> -dioxin	50585-41-6	Unavoidable traces acceptable up to 1 µg/kg for Group 4	U.S. EPA Method 8290
1,2,3,7,8-Pentabromo-dibenzo- <i>p</i> -dioxin	109333-34-8		
2,3,7,8-Tetrabromodibenzofuran	67933-57-7		
2,3,4,7,8-Pentabromodibenzofuran	131166-92-2		
<b>Group 5</b>			
1,2,3,4,7,8-Hexabromo-dibenzo- <i>p</i> -dioxin	110999-44-5	Unavoidable traces acceptable up to 5 µg/kg for sum of Groups 4 & 5	U.S. EPA Method 8290
1,2,3,7,8,9-Hexabromo-dibenzo- <i>p</i> -dioxin	110999-46-7		
1,2,3,6,7,8-Hexabromo-dibenzo- <i>p</i> -dioxin	110999-45-6		
1,2,3,7,8-Pentabromodibenzofuran	107555-93-1		

## B: Asbestos

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Actinolite	132207-33-1	Usage Ban	U.S. EPA/600/R-93/116
Amosite			
Anthophyllite			
Chrysotile			
Crocidolite			
Tremolite			

## C: Pesticides

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Aldicarb	116-06-3	Not Detected	U.S. EPA Methods: 8081A / 8151A [RL=0.5]
Aldrin	309-00-2		
Azinophosmethyl	86-50-0		
Azinophosethyl	2642-71-9		
Bromophos-ethyl	4824-78-6		
Captafol	2425-06-1		
Carbaryl	63-25-2		
Chlordane	57-74-9		
Chlordimeform	6164-98-3		
Chlorfenvinphos	470-90-6		
Coumaphos	56-72-4		
Cyfluthrin	68359-37-5		
Cyhalothrin	91465-08-6		
Cypermethrin	52315-07-8		
DEF	78-48-8		
Deltamethrin	52918-63-5		
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8		
<i>p,p</i> -Dichlorodiphenyl-dichloroethane ( <i>p,p</i> -DDD)	72-54-8		
<i>o,p</i> -Dichlorodiphenyl-dichloroethane ( <i>o,p</i> -DDD)	53-19-0		
<i>p,p</i> -Dichlorodiphenyl-dichloroethylene ( <i>p,p</i> -DDE)	72-55-9		
<i>o,p</i> -Dichlorodiphenyl-dichloroethylene ( <i>o,p</i> -DDE)	3424-82-6		
<i>p,p</i> -Dichlorodiphenyl-trichloroethane ( <i>p,p</i> -DDT)	50-29-3		
<i>o,p</i> -Dichlorodiphenyl-trichloroethane ( <i>o,p</i> -DDT)	789-02-6		
2,4-Dichlorophenoxy-acetic acid, its salts and compounds	97-75-7		
Diazinon	333-41-5		
Dichlorprop	120-36-2		
Dicrotophos	141-66-2		
Dicofol	115-32-2		
Dieldrin	60-57-1		
Dimethoate	60-51-5		

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Dinoseb and salts	88-85-7	Not Detected	U.S. EPA Methods: 8081A / 8151A [RL=0.5]
Endosulfan (Thiosulfan)	115-29-7		
Endrin	72-20-8		
Ethylene Dibromide (EDB)	106-93-4		
Esfenvalerate	66230-04-4		
Fenvalerate	51630-58-1		
Hexachlorobenzene	118-74-1		
Hexachlorocyclohexane (HCH), all isomers <sup>17</sup>	608-73-1		
Heptachlor	76-44-8		
Heptachlor epoxide	1024-57-3		
Isodrin	465-73-6		
Kelevan	4234-79-1		
Kepone	143-50-0		
Malathion	121-75-5		
MCPA	94-74-6		
MCPB	94-81-5		
Mecoprop	93-65-2		
Metamidophos	10265-92-6		
Methoxychlor	72-43-5		
Methyl Parathion	298-00-0		
Mirex	2385-85-5		
Monocrotophos	6923-22-4		
Paraquat	1910-42-5		
Parathion	56-38-2		
Perthane	72-56-0		
Phosdrin/Mevinphos	7786-34-7		
Propethamphos	31218-83-4		
Profenophos	41198-08-7		
Quinalphos	13593-03-8		
Quintozene	82-68-8		
Strobane	8001-50-1		
Telodrin	297-78-9		
Timiperone (DTTB)	57648-21-2		
Toxaphene	8001-35-2		
2,4,5-Trichlorophenoxyacetic acid (2,4,5-T), salts, compounds	93-76-5		
2-(2,4,5-Trichlorophenoxy) propionic acid, salts, compounds	93-72-1		
Trifluralin	1582-09-8		

<sup>17</sup> All isomers of HCH, including alpha (319-84-6), beta (319-85-7), delta (319-86-8), epsilon (6108-10-7), and gamma (lindane, 58-89-9).

## D: Other Organic Chemicals

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Halogenated biphenyls, including: - Polychlorinated biphenyl (PCB)	1336-36-3 53469-21-9	Usage Ban (TR=1)	Solvent extraction / GC-MS
Halogenated diarylalkanes	Various CAS numbers		
Halogenated naphthalenes	Various CAS numbers		
Halogenated terphenyls, including: - Polychlorinated terphenyl (PCT)	Various CAS numbers		
Halogenated diphenyl methanes, including: - Monomethyl-dibromo-diphenyl methane <sup>18</sup> - Monomethyl-dichloro-diphenyl methane <sup>19</sup> - Monomethyl-tetrachloro-diphenyl methane <sup>20</sup>	99688-47-8 81161-70-8 76253-60-6		

<sup>18</sup> Also DBBT

<sup>19</sup> Also Ugilec 121 or Ugilec 21

<sup>20</sup> Also Ugilec 141

## Section 4: Air and Gas Filled Products

Fluorinated greenhouse gases and ozone depleting substances are prohibited from use in the air space in all products. They must not be detectable when tested by GC/MS at a detection level of 0.1 mg/kg.

Fluorinated greenhouse gases:

Chemical Substance	CAS Number		Chemical Substance	CAS Number
Sulfur hexafluoride - SF <sub>6</sub>	2551-62-4		<b>Perfluorocarbons (PFCs):</b>	
<b>Hydrofluorocarbons (HFCs):</b>			Perfluoromethane - CF <sub>4</sub>	75-73-0
HFC-23 - CHF <sub>3</sub>	75-46-7		Perfluoroethane - C <sub>2</sub> F <sub>6</sub>	76-16-4
HFC-32 - CH <sub>2</sub> F <sub>2</sub>	75-10-5		Perfluoropropane - C <sub>3</sub> F <sub>8</sub>	76-19-7
HFC-41 - CH <sub>3</sub> F	593-53-3		Perfluorobutane - C <sub>4</sub> F <sub>10</sub>	355-25-9
HFC-43-10mee - C <sub>5</sub> H <sub>2</sub> F <sub>10</sub>	138495-42-8		Perfluoropentane - C <sub>5</sub> F <sub>12</sub>	678-26-2
HFC-125 - C <sub>2</sub> HF <sub>5</sub>	354-33-6		Perfluorohaxane - C <sub>6</sub> F <sub>14</sub>	355-42-0
HFC-134 - C <sub>2</sub> H <sub>2</sub> F <sub>4</sub>	359-35-3		Perfluorocyclobutane - c-C <sub>4</sub> F <sub>8</sub>	115-25-3
HFC-134a - CH <sub>2</sub> FCF <sub>3</sub>	811-97-2			
HFC-152a - C <sub>2</sub> H <sub>4</sub> F <sub>2</sub>	75-37-6			
HFC-143 - C <sub>2</sub> H <sub>3</sub> F <sub>3</sub>	420-46-2			
HFC-143a - C <sub>2</sub> H <sub>3</sub> F <sub>3</sub>	470-46-6			
HFC-227ea - C <sub>3</sub> HF <sub>7</sub>	431-89-0			
HFC-236cb - CH <sub>2</sub> FCF <sub>2</sub> CF <sub>3</sub>	677-56-5			
HFC-236ea - CHF <sub>2</sub> CHF <sub>2</sub> CF <sub>3</sub>	431-63-0			
HFC-236fa - C <sub>3</sub> H <sub>2</sub> F <sub>6</sub>	690-39-1			
HFC-245ca - C <sub>3</sub> H <sub>3</sub> F <sub>5</sub>	679-86-7			
HFC-245fa - CHF <sub>2</sub> CH <sub>2</sub> CF <sub>3</sub>	460-73-1			
HFC-365mfc - CF <sub>3</sub> CH <sub>2</sub> CF <sub>2</sub> CH <sub>3</sub>	406-58-6			

Ozone depleting substances, Class 1, Group I:

Chemical Substance	CAS Number		Chemical Substance	CAS Number		Chemical Substance	CAS Number
CFCl <sub>3</sub>	75-69-4		C <sub>2</sub> F <sub>3</sub> Cl <sub>3</sub>	76-13-1		C <sub>2</sub> F <sub>5</sub> Cl	76-15-3
CF <sub>2</sub> Cl <sub>2</sub>	75-71-8		C <sub>2</sub> F <sub>4</sub> Cl <sub>2</sub>	76-14-2			

Ozone depleting substances, Class 1, Group II:

Chemical Substance	CAS Number		Chemical Substance	CAS Number		Chemical Substance	CAS Number
CF <sub>2</sub> ClBr	353-59-3		CF <sub>3</sub> Br	75-63-8		C <sub>2</sub> F <sub>4</sub> Br <sub>2</sub>	124-73-2

Ozone depleting substances, Class 1, Group III:

Chemical Substance	CAS Number		Chemical Substance	CAS Number		Chemical Substance	CAS Number
CF <sub>3</sub> Cl	75-72-9		C <sub>3</sub> F <sub>2</sub> Cl <sub>6</sub>	3182-26-1		C <sub>3</sub> F <sub>6</sub> Cl <sub>2</sub>	661-97-2
C <sub>2</sub> FCl <sub>5</sub>	354-56-3		C <sub>3</sub> F <sub>3</sub> Cl <sub>5</sub>	2354-06-5		C <sub>3</sub> F <sub>7</sub> Cl	422-86-6
C <sub>2</sub> F <sub>2</sub> Cl <sub>4</sub>	76-12-0		C <sub>3</sub> F <sub>4</sub> Cl <sub>4</sub>	29255-31-0			
C <sub>3</sub> FCl <sub>7</sub>	422-78-6		C <sub>3</sub> F <sub>5</sub> Cl <sub>3</sub>	4259-43-2			

Ozone depleting substances, Class 1, Group IV:

Chemical Substance	CAS Number
CCl <sub>4</sub>	56-23-5

Ozone depleting substances, Class 1, Group V:

Chemical Substance	CAS Number
C <sub>2</sub> H <sub>3</sub> Cl <sub>3</sub>	71-55-6

Ozone depleting substances, Class 1, Group VI:

Chemical Substance	CAS Number
CH <sub>3</sub> Br	74-83-9

Ozone depleting substances, Class 1, Group VII:

Chemical Substance	Chemical Substance	Chemical Substance	Chemical Substance	Chemical Substance
CHBr <sub>2</sub>	C <sub>2</sub> H <sub>2</sub> FBr <sub>3</sub>	C <sub>3</sub> HF <sub>2</sub> Br <sub>5</sub>	C <sub>3</sub> H <sub>2</sub> F <sub>3</sub> Br <sub>3</sub>	C <sub>3</sub> H <sub>4</sub> FBr <sub>3</sub>
CHF <sub>2</sub> Br	C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Br <sub>2</sub>	C <sub>3</sub> HF <sub>3</sub> Br <sub>4</sub>	C <sub>3</sub> H <sub>2</sub> F <sub>4</sub> Br <sub>2</sub>	C <sub>3</sub> H <sub>4</sub> F <sub>2</sub> Br <sub>2</sub>
CH <sub>2</sub> FBr	C <sub>2</sub> H <sub>2</sub> F <sub>3</sub> Br	C <sub>3</sub> HF <sub>4</sub> Br <sub>3</sub>	C <sub>3</sub> H <sub>2</sub> F <sub>5</sub> Br	C <sub>3</sub> H <sub>4</sub> F <sub>3</sub> Br
C <sub>2</sub> HFBr <sub>4</sub>	C <sub>2</sub> H <sub>3</sub> FBr <sub>2</sub>	C <sub>3</sub> HF <sub>5</sub> Br <sub>2</sub>	C <sub>3</sub> H <sub>3</sub> FBr <sub>4</sub>	C <sub>3</sub> H <sub>5</sub> FBr <sub>2</sub>
C <sub>2</sub> HF <sub>2</sub> Br <sub>3</sub>	C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Br	C <sub>3</sub> HF <sub>6</sub> Br	C <sub>3</sub> H <sub>3</sub> F <sub>2</sub> Br <sub>3</sub>	C <sub>3</sub> H <sub>5</sub> F <sub>2</sub> Br
C <sub>2</sub> HF <sub>3</sub> Br <sub>2</sub>	C <sub>2</sub> H <sub>4</sub> Br <sub>2</sub>	C <sub>3</sub> H <sub>2</sub> FBr <sub>5</sub>	C <sub>3</sub> H <sub>3</sub> F <sub>3</sub> Br <sub>2</sub>	C <sub>3</sub> H <sub>6</sub> FBr
C <sub>2</sub> HF <sub>4</sub> Br	C <sub>3</sub> HFBr <sub>6</sub>	C <sub>3</sub> H <sub>2</sub> F <sub>2</sub> Br <sub>4</sub>	C <sub>3</sub> H <sub>3</sub> F <sub>4</sub> Br	

Ozone depleting substances, Class 1, Group VIII:

Chemical Substance	CAS Number
CH <sub>2</sub> BrCl	74-97-5

Ozone depleting substances, Class 2:

Chemical Substance	CAS Number	Chemical Substance	CAS Number	Chemical Substance	CAS Number
CHCl <sub>2</sub>	75-43-4	C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl	75-68-3	C <sub>3</sub> H <sub>2</sub> F <sub>5</sub> Cl	460-92-4
CHF <sub>2</sub> Cl	75-45-6	C <sub>3</sub> HFCl <sub>6</sub>	422-26-4	C <sub>3</sub> H <sub>3</sub> FCl <sub>4</sub>	666-27-3
CH <sub>2</sub> FCl	593-70-4	C <sub>3</sub> HF <sub>2</sub> Cl <sub>5</sub>	422-49-1	C <sub>3</sub> H <sub>3</sub> F <sub>2</sub> Cl <sub>3</sub>	460-63-9
C <sub>2</sub> HFCl <sub>4</sub>	354-14-3	C <sub>3</sub> HF <sub>3</sub> Cl <sub>4</sub>	422-52-6	C <sub>3</sub> H <sub>3</sub> F <sub>3</sub> Cl <sub>2</sub>	460-69-5
C <sub>2</sub> HF <sub>2</sub> Cl <sub>3</sub>	354-21-2	C <sub>3</sub> HF <sub>4</sub> Cl <sub>3</sub>	422-54-8	C <sub>3</sub> H <sub>3</sub> F <sub>4</sub> Cl	134190-50-4
C <sub>2</sub> HF <sub>3</sub> Cl <sub>2</sub>	306-83-2	C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub>	422-56-0	C <sub>3</sub> H <sub>4</sub> FCl <sub>3</sub>	421-41-0
C <sub>2</sub> HF <sub>4</sub> Cl	2837-89-0	C <sub>3</sub> HF <sub>6</sub> Cl	431-87-8	C <sub>3</sub> H <sub>4</sub> F <sub>2</sub> Cl <sub>2</sub>	819-00-1
C <sub>2</sub> H <sub>2</sub> FCl <sub>3</sub>	359-28-4	C <sub>3</sub> H <sub>2</sub> FCl <sub>5</sub>	421-94-3	C <sub>3</sub> H <sub>4</sub> F <sub>3</sub> Cl	460-35-5
C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Cl <sub>2</sub>	1649-08-7	C <sub>3</sub> H <sub>2</sub> F <sub>2</sub> Cl <sub>4</sub>	460-89-9	C <sub>3</sub> H <sub>5</sub> FCl <sub>2</sub>	420-97-3
C <sub>2</sub> H <sub>2</sub> F <sub>3</sub> Cl	75-88-7	C <sub>3</sub> H <sub>2</sub> F <sub>3</sub> Cl <sub>3</sub>	7125-84-0	C <sub>3</sub> H <sub>5</sub> F <sub>2</sub> Cl	421-02-3
C <sub>2</sub> H <sub>3</sub> FCl <sub>2</sub>	1717-00-6	C <sub>3</sub> H <sub>2</sub> F <sub>4</sub> Cl <sub>2</sub>	425-94-5	C <sub>3</sub> H <sub>6</sub> FCl	430-55-7

## Section 5: Liquid Filled Products

Products containing any liquid, gel or other liquid-type substance must meet the following restrictions:

- 1) Hazardous liquids shall not be used as the filling liquid in any liquid filled product. Hazardous liquids are those which are classified as toxic (acute or chronic), carcinogenic, reproductive toxic, flammable, explosive, irritants or sensitizers.
- 2) Bacteria growth must not occur. The following limits apply to the liquid of all liquid filled products.

<b>Bacteria</b>	<b>Limit Value</b>
Staphylococcus aureus	No contamination (<500 CFU/g or CFU/ml)
Escherichia coli (E-coli)	
Pseudomonas aeruginosa	
Salmonella	
All other bacteria	1,000 CFU/g or CFU/ml (total)

## Section 6: REACH – EU’s Regulation Concerning the Registration, Evaluation, Authorization and Restriction of Chemicals

All VF suppliers shall visit the European Chemicals Agency (ECHA) website (<http://www.echa.eu>) regularly and comply with the published obligations and guidance regarding chemicals and consumer articles.

Of particular note for REACH is the speed at which new substances may become listed as a SVHC<sup>21</sup>. Therefore, VF will undertake the task of monitoring the REACH requirements and attempt to publish the following updated list of potential SVHCs. To ensure all products supplied to VF comply with REACH at the time of market, each supplier is obligated to track not only the current SVHCs, as listed on the ECHA website, but also the entire list of potential SVHCs shown below. This action will prevent the situation where a substance is listed as an SVHC during the time between manufacture and market. Suppliers shall map each step in their supply chains, including the sourcing and processing of raw materials, parts, chemicals and other product ingredients, and be able to immediately inform VF of all cases where a substance listed in the “VF Focus List” is present in the product at or above a 0.1% concentration, by weight. SVHCs restricted in Section I of this RSL are not included in the following list.

### VF Focus List

Chemical Name	EC Number	CAS Number	Textile Application
2, 4-Dinitrotoluene	204-450-0	121-14-2	Colorants
2-Ethoxyethanol	203-804-1	110-80-5	Solvent
2-Methoxyethanol	203-713-7	109-86-4	Pigment catalyst, cement for rubber
5-tert-butyl-2, 4, 6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2	Synthetic musk
Ammonium dichromate	232-143-1	7789-09-5	Mordant
Boric acid	233-139-2, 234-343-4	10043-35-3, 11113-50-1	Flame retardant, antiseptic, component in detergents
Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	231-801-5 236-881-5	7738-94-5 13530-68-2	Pigment, catalyst, oxidant
Chromium trioxide	215-607-8	1333-82-0	Pigment, catalyst, oxidant

<sup>21</sup> Substances of Very High Concern (SVHC) are defined as CMR 1, CMR 2, PBT or vPvB substances, as given in the legal text of REACH, Annex XVII for CMR, and on the European Chemical Bureau website, <http://ecb.jrc.ec.europa.eu/esis/index.php?PGM=pbt>. The listing below is inclusive of SVHCs, candidate substances and pre-candidate substances, as defined below:

Candidate substances can be found at  
[http://echa.europa.eu/chem\\_data/authorisation\\_process/candidate\\_list\\_table\\_en.asp](http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp)

Pre-candidate substances are found at  
[http://echa.europa.eu/chem\\_data/reg\\_int\\_tables/reg\\_int\\_curr\\_int\\_en.asp#current\\_svhc](http://echa.europa.eu/chem_data/reg_int_tables/reg_int_curr_int_en.asp#current_svhc).

Chemical Name	EC Number	CAS Number	Textile Application
Cobalt dichloride	231-589-4	7646-79-9	Colorants
Cobalt(II) carbonate	208-169-4	513-79-1	Catalyst
Cobalt(II) diacetate	200-755-8	71-48-7	Pigment
Cobalt(II) dinitrate	233-402-1	10141-05-6	Catalyst
Cobalt(II) sulphate	233-334-2	10124-43-3	Pigment, catalyst
Diarsenic pentaoxide	215-116-9	1303-28-2	Colorant
Disodium tetraborate, anhydrous	215-540-4	1303-96-4, 1330-43-4, 12179-04-3	Flame retardant
Lead chromate	231-846-0	7758-97-6	Colorant
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	Colorants (e.g. polypropylene fibre)
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	Colorants (e.g. polypropylene fibre)
Potassium chromate	232-140-5	7789-00-6	Pigments
Potassium dichromate	231-906-6	7778-50-9	Mordant
Sodium dichromate	234-190-3	7789-12-0, 10588-01-9	Leather tanning agent, colorant
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	Flame retardant
Tris(2-chloroethyl) phosphate	204-118-5	115-96-8	Flame retardant

## **Section 7: CPSIA - United States Consumer Product Safety Improvement Act**

The Consumer Product Safety Improvement Act CPSIA of 2008 (HR 4040) was signed into law on August 14, 2008. The act reauthorizes the Consumer Product Safety Commission (CPSC) for 2010-2014 and expands the Commission's role in ensuring the safety of consumer products, specifically enforcing the safety of products designed for children up to age 12 years.

VF Corporation complies with CPSIA and other application legal requirements through various programs and procedures. These include product design requirements, manufacturing specifications and product testing programs, among other procedures. We require all our product suppliers to sell us only products that comply with applicable legal requirements and specifications, including those listed in this Restricted Substance List program. Compliance with CPSIA requires suppliers to maintain a reasonable product testing program, quality control systems, auditing and product tracking procedures at every production lot level.

### **Scope**

CPSIA mandates a phased-in ban on lead in children's products by requiring lead levels to be reduced from 600 mg/kg (effective February 10, 2009) to 100 mg/kg (effective August 14, 2011) and for surface coatings from of 600 mg/kg to 90 mg/kg (effective Aug 14, 2009).

For certain children's products, CPSIA also permanently bans three phthalates, DEHP, DBP and BBP while banning three additional phthalates, DINP, DIDP and DNOP, on an interim basis. This RSL reflects these restrictions.

CPSIA mandates safety testing for every lot of products intended for children up to 12 years of age. Suppliers are also required to label products with traceability information to allow the tracking of products in case of a product recall.

### **General Conformity Certificate (GCC)**

A General Conformity Certificate (GCC) shall be issued for every product covered by CPSC rules and imported into the United States of America. The GCC must be issued by the importer or domestic manufacturer, not the supplier. However the importer of the product (VF or a VF Subsidiary, for example) must rely upon the product safety and compliance procedures at a supplier, along with the supplier's product testing reports, to ensure proper procedures have been implemented which assure product conformity to applicable requirements.

An acceptable certificate required by section 14(g) of the consumer Product Safety Act, 15 U.S.C. § 2063(g) shall include the following information and be provided in English.

Item 1: Describe the product covered by this certification in enough detail to match the certificate to each product it covers and no others.

Item 2: The certificate must identify separately each applicable rule, ban, standard or regulation under the Acts administered by the Commission that is applicable to the product.

Item 3: Provide the name, full mailing address, and telephone number of the foreign or domestic manufacturer of the product.

Item 4: Provide the name, full mailing address, and telephone number of the U.S. importer, if applicable, of the product. This information may be omitted if the importer chooses to certify separately.

Item 5: Provide the name, full mailing address, and telephone number of any private labeler certifying the product. This information may be omitted if the private labeler chooses to certify separately.

Item 6: Provide the name, full mailing address, e-mail address and telephone number of the person maintaining test records in support of the certification.

Item 7: Provide the date(s) when the product was manufactured by at least month and year. For the place of manufacture, if different from the manufacturer's address in item 3, provide at least the city and country or administrative region, of the place where the product was finally manufactured or assembled. If the same manufacturer operates more than one location in the same city, provide the street address of the factory.

Item 8: Give the date of the tests or test report(s) on which certification is being based and the location(s) of the testing.

Item 9: If a third-party laboratory tested the product or conducted a testing program on which the certification is based, give the name, full mailing address and telephone number of the laboratory.

## Section 8: RSL Product Testing Guidance

VF currently maintains various product testing programs to validate RSL compliance. Notwithstanding VF's testing programs, the supplier shall be fully responsible for obtaining all necessary knowledge and information required to understand and execute business processes that ensure RSL compliance. The supplier is also responsible for performing analytical testing on products to verify the product's compliance to all RSL requirements.

Products should be tested as prescribed in the following table, which provides guidance regarding the most probable tests to conduct for a product type. However nothing in the guidance below shall be construed to relieve a supplier from their duty to provide products compliant with the full RSL. In addition to the testing guidance provided in the following table, VF may at any time request additional testing to validate product compliance with the RSL. All costs associated with product testing are the responsibility of the supplier.

Test Item	Material Types									
	Plastics and other synthetic materials – PU, PVC, Rubber, TPU, TPR, EVA etc	Textiles and fabrics (natural fibers)	Textiles and fabrics (synthetic fibers)	Textiles and fabrics (natural and synthetic fiber blends)	Coating / Printing (with base material)	Leather	Metal Parts	Adhesives	Packaging Materials	Desiccants
Azo Dyes		X	X	X	X	X				
Disperse Dyes				X						
Other Dyes		X	X	X		X				
Formaldehyde	X <sup>22</sup>	X	X	X	X	X		X		
Nickel Release (direct & prolonged skin contact)							X			
Lead in Surface Coating					X					
Total Lead	X				X	X	X		X	
Phthalates	X				X			X	X	
Chromium VI						X				
Total Cadmium	X				X	X	X		X	
Extractable Heavy metals	X				X				X	
PCP/TeCP		X				X				
PAH	X				X					
Organotin	X	X	X	X	X	X				
Dimethyl Fumarate		X	X	X		X		X		X

<sup>22</sup> Only foam materials need to be tested for formaldehyde.

## Appendix 1: VF RSL Contacts

NAME	BRAND	E-MAIL ADDRESS	PHONE
Christian Woodman	7 For All Mankind	christian_woodman@vfc.com	+1.323.406.5377
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NAME	COALITION	E-MAIL ADDRESS	PHONE
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Carole McFee	Jeanswear	carole_mcfee@vfc.com	+1.336.332.4888
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Allison Kohll	Sportswear	allison_kohll@vfc.com	+1.212.841.8954

NAME	CORPORATE DEPT	E-MAIL ADDRESS	PHONE
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Kim Smith	VF Services	kim_smith@vfc.com	+1.336.424.3646

## Appendix 2: Definitions

**Accessories** – Products other than a standard shirt, shoe or pant. These may include both apparel and non-apparel products such as belts, caps, wallets, handbags, socks, eyewear, watches, and more. All accessories carrying a VF brand logo or manufactured for VF Corporation shall comply with the VF Restricted Substance List (RSL).

**Article** – An object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition.

**Chemical Abstract Service (CAS) Number** – The CAS number is a unique number that identifies a particular chemical structure. While there may be various synonyms and different naming conventions for a chemical, there is only one CAS number. Mixtures of chemicals do not have CAS numbers, only individual chemical components have CAS numbers. When there is doubt about the chemical name used in the RSL, always check the CAS number.

**Children's Products** – A children's product is that which is made for, marketed for use by, or marketed to children age 12 and under.

**CPSIA** – The United States Consumer Product Safety Improvement Act of 2008, which expands the Consumer Product Safety Commission's role in ensuring the safety of consumer products distributed throughout the United States of America. Detailed information can be found at <http://www.cpsc.gov/>.

**Detection Limit** – The detection limit specifies the test method sensitivity that a laboratory must be able to achieve when measuring the respective substance.

**ECHA** – The European Chemicals Agency, located in Helsinki, Finland, and the administering body for REACh. Detailed information can be found at <http://echa.europa.eu/>.

**Food Contact Materials** – Any VF Product that is intended to be used to carry, hold or otherwise store food or liquid for drinking. Examples include water bottles, hydration packs, coolers and more.

**Limit Value** – The concentration limit is set for each substance as measured on the final product and represents the maximum allowable amount of the respective substance which is allowable in a RSL-compliance product. The concentration limit is shown in the Limit Value column. The limit is specified as the amount of the substance found in a specified amount of substrate, by weight (or more specifically, in milligrams of the substance per kilogram of product [mg/kg]). Concentration limits are applicable to any single part, or homogeneous part, of a product.

**Packaging and Packaging Materials** - Means any container providing a means of marketing, protecting, or handling a product from its point of manufacture to its sale or transfer to a consumer, including a unity package, an intermediate package or a shipping container, as defined in the ASTM specification D 996. Packaging also includes, but is not limited to, unsealed receptacles, including carrying cases, crates, crates, cups, pails, rigid foil and other trays, wrappers and wrapping films, bags, boxes, tape, and tubs.

**Polyvinyl Chloride (PVC)** – Polyvinyl chloride, or PVC for short, is a hard plastic that may be found in packaging materials, trims, footwear, and screen printing. PVC is prohibited from use in all VF packaging and food contact products. In addition, VF prefers all products do not contain PVC and supports efforts to phase-out PVC.

**Reporting Limit (RL)** – The reporting limit is the lowest concentration the laboratory is allowed to report any finding of the respective substance. If the laboratory detects an amount of the substance below the RL, the laboratory shall state their findings in the laboratory test report as Not Detected.

**RoHS Electrical and Electronic Equipment** – The RoHS restrictions cover the actual electronic parts and ancillary portions of the final electrical or electronic product. Products covered by this requirement include:

- Large and small household appliances.
- IT equipment.
- Telecommunications equipment (although infrastructure equipment is exempt in some countries)
- Consumer equipment.
- Lighting equipment—including light bulbs.
- Electronic and electrical tools.
- Toys, leisure, and sports equipment.
- Medical devices (currently exempt)
- Monitoring and control instruments (currently exempt)
- Automatic dispensers.

In addition, the components of the above products must meet the RoHS requirements. Examples include:

- paints and pigments
- PVC (vinyl) cables as a stabilizer (e.g. power cords, USB cables)
- solders
- printed circuit board finishes, leads, internal and external interconnects
- glass in television and photographic products (e.g. CRT television screens and camera lenses)
- metal parts
- lamps and bulbs
- batteries

**Trace Amount (TR)** – The trace amount is the allowable unavoidable trace presence of a substance that has been identified with a usage ban. While a substance may not be used in the production of a product, a small acceptable trace amount is allowed to be found on a RSL-compliant product due to minor contamination or atmospheric absorption.

**Usage Ban** – A usage ban is the prohibition of the intentional use of the respective substance during any stage of production of the VF Product or any Raw Material.

## Appendix 3: Index of CAS Numbers

List of all substances restricted in order of CAS number.

<b>CAS Number</b>	<b>RSL Section</b>
50-00-0	Auxiliary Substances
50-29-3	Pesticides
50-32-8	Polycyclic Aromatic Hydrocarbons (PAH)
53-19-0	Pesticides
53-70-3	Polycyclic Aromatic Hydrocarbons (PAH)
56-23-5	Air and Gas Filled Products, Solvents and VOCs
56-38-2	Pesticides
56-55-3	Polycyclic Aromatic Hydrocarbons (PAH)
56-72-4	Pesticides
57-74-9	Pesticides
60-09-3	Aromatic Amines
60-51-5	Pesticides
60-57-1	Pesticides
63-25-2	Pesticides
67-66-3	Solvents and VOCs
68-12-2	Solvents and VOCs
71-43-2	Solvents and VOCs
71-55-6	Air and Gas Filled Products, Solvents and VOCs
72-20-8	Pesticides
72-43-5	Pesticides
72-54-8	Pesticides
72-55-9	Pesticides
72-56-0	Pesticides
74-83-9	Air and Gas Filled Products
74-97-5	Air and Gas Filled Products
75-10-5	Air and Gas Filled Products
75-35-4	Solvents and VOCs
75-37-6	Air and Gas Filled Products
75-43-4	Air and Gas Filled Products
75-45-6	Air and Gas Filled Products
75-46-7	Air and Gas Filled Products
75-63-8	Air and Gas Filled Products
75-68-3	Air and Gas Filled Products
75-69-4	Air and Gas Filled Products
75-71-8	Air and Gas Filled Products
75-72-9	Air and Gas Filled Products
75-73-0	Air and Gas Filled Products
75-88-7	Air and Gas Filled Products
76-01-7	Solvents and VOCs
76-12-0	Air and Gas Filled Products
76-13-1	Air and Gas Filled Products
76-14-2	Air and Gas Filled Products

<b>CAS Number</b>	<b>RSL Section</b>
76-15-3	Air and Gas Filled Products
76-16-4	Air and Gas Filled Products
76-19-7	Air and Gas Filled Products
76-44-8	Pesticides
78-30-8	Flame Retardants
78-48-8	Pesticides
79-00-5	Solvents and VOCs
79-01-6	Solvents and VOCs
79-34-4	Solvents and VOCs
80-05-7	Food Contact Materials
82-28-0	Disperse Dyes
82-68-8	Pesticides
83-32-9	Polycyclic Aromatic Hydrocarbons (PAH)
84-69-5	Phthalates, Packaging, Food Contact Materials
84-74-2	Phthalates, Packaging, Food Contact Materials
85-01-8	Polycyclic Aromatic Hydrocarbons (PAH)
85-68-7	Phthalates, Packaging, Food Contact Materials
86-50-0	Pesticides
86-73-7	Polycyclic Aromatic Hydrocarbons (PAH)
87-62-7	Aromatic Amines
87-86-5	Chlorinated Aromatics
88-85-7	Pesticides
90-04-0	Aromatic Amines
91-20-3	Polycyclic Aromatic Hydrocarbons (PAH)
91-59-8	Aromatic Amines
91-94-1	Aromatic Amines
92-67-1	Aromatic Amines
92-87-5	Aromatic Amines
93-65-2	Pesticides
93-72-1	Pesticides
93-76-5	Pesticides
94-74-6	Pesticides
94-81-5	Pesticides
95-53-4	Aromatic Amines
95-68-1	Aromatic Amines
95-69-2	Aromatic Amines
95-80-7	Aromatic Amines
96-12-8	Pesticides
97-56-3	Aromatic Amines
97-75-7	Pesticides
99-55-8	Aromatic Amines
101-14-4	Aromatic Amines
101-77-9	Aromatic Amines
101-80-4	Aromatic Amines
106-47-8	Aromatic Amines
106-93-4	Pesticides

<b>CAS Number</b>	<b>RSL Section</b>
108-88-3	Solvents and VOCs
108-90-7	Chlorinated Aromatics
115-25-3	Air and Gas Filled Products
115-29-7	Pesticides
115-32-2	Pesticides
116-06-3	Pesticides
117-81-7	Phthalates and Packaging
117-81-7	Food Contact Materials
117-84-0	Phthalates, Packaging, Food Contact Materials
118-74-1	Chlorinated Aromatics and Pesticides
119-15-3	Disperse Dyes
119-90-4	Aromatic Amines
119-93-7	Aromatic Amines
120-12-7	Polycyclic Aromatic Hydrocarbons (PAH)
120-36-2	Pesticides
120-71-8	Aromatic Amines
124-73-2	Air and Gas Filled Products
126-72-7	Flame Retardants
127-18-4	Solvents and VOCs
129-00-0	Polycyclic Aromatic Hydrocarbons (PAH)
137-17-7	Aromatic Amines
139-65-1	Aromatic Amines
141-66-2	Pesticides
143-50-0	Pesticides
191-24-2	Polycyclic Aromatic Hydrocarbons (PAH)
192-97-2	Polycyclic Aromatic Hydrocarbons (PAH)
193-39-5	Polycyclic Aromatic Hydrocarbons (PAH)
200-755-8	REACH – VF Focus List
201-329-4	REACH – VF Focus List
203-713-7	REACH – VF Focus List
203-804-1	REACH – VF Focus List
204-118-5	REACH – VF Focus List
204-450-0	REACH – VF Focus List
205-82-3	Polycyclic Aromatic Hydrocarbons (PAH)
205-99-2	Polycyclic Aromatic Hydrocarbons (PAH)
206-44-0	Polycyclic Aromatic Hydrocarbons (PAH)
207-08-9	Polycyclic Aromatic Hydrocarbons (PAH)
208-169-4	REACH – VF Focus List
208-96-8	Polycyclic Aromatic Hydrocarbons (PAH)
215-116-9	REACH – VF Focus List
215-540-4	REACH – VF Focus List
215-607-8	REACH – VF Focus List
215-693-7	REACH – VF Focus List
218-01-9	Polycyclic Aromatic Hydrocarbons (PAH)
231-589-4	REACH – VF Focus List
231-801-5	REACH – VF Focus List

<b>CAS Number</b>	<b>RSL Section</b>
231-846-0	REACH – VF Focus List
231-906-6	REACH – VF Focus List
232-140-5	REACH – VF Focus List
232-143-1	REACH – VF Focus List
233-139-2	REACH – VF Focus List
233-334-2	REACH – VF Focus List
233-402-1	REACH – VF Focus List
234-190-3	REACH – VF Focus List
234-343-4	REACH – VF Focus List
235-541-3	REACH – VF Focus List
235-759-9	REACH – VF Focus List
236-881-5	REACH – VF Focus List
297-78-9	Pesticides
298-00-0	Pesticides
306-83-2	Air and Gas Filled Products
309-00-2	Pesticides
333-41-5	Pesticides
353-59-3	Air and Gas Filled Products
354-14-3	Air and Gas Filled Products
354-21-2	Air and Gas Filled Products
354-33-6	Air and Gas Filled Products
354-56-3	Air and Gas Filled Products
355-25-9	Air and Gas Filled Products
355-42-0	Air and Gas Filled Products
359-28-4	Air and Gas Filled Products
359-35-3	Air and Gas Filled Products
406-58-6	Air and Gas Filled Products
420-46-2	Air and Gas Filled Products
420-97-3	Air and Gas Filled Products
421-02-3	Air and Gas Filled Products
421-41-0	Air and Gas Filled Products
421-94-3	Air and Gas Filled Products
422-26-4	Air and Gas Filled Products
422-49-1	Air and Gas Filled Products
422-52-6	Air and Gas Filled Products
422-54-8	Air and Gas Filled Products
422-56-0	Air and Gas Filled Products
422-78-6	Air and Gas Filled Products
422-86-6	Air and Gas Filled Products
425-94-5	Air and Gas Filled Products
430-55-7	Air and Gas Filled Products
431-63-0	Air and Gas Filled Products
431-87-8	Air and Gas Filled Products
431-89-0	Air and Gas Filled Products
460-35-5	Air and Gas Filled Products
460-63-9	Air and Gas Filled Products

<b>CAS Number</b>	<b>RSL Section</b>
460-69-5	Air and Gas Filled Products
460-73-1	Air and Gas Filled Products
460-89-9	Air and Gas Filled Products
460-92-4	Air and Gas Filled Products
465-73-6	Pesticides
470-46-6	Air and Gas Filled Products
470-90-6	Pesticides
545-55-1	Flame Retardants
569-61-9	Other Dyes
573-58-0	Other Dyes
593-53-3	Air and Gas Filled Products
593-70-4	Air and Gas Filled Products
608-93-5	Chlorinated Aromatics
608-73-1	Pesticides
615-05-4	Aromatic Amines
624-49-7	Packaging, Auxiliary Substances
630-20-6	Solvents and VOCs
632-99-5	Other Dyes
661-97-2	Air and Gas Filled Products
666-27-3	Air and Gas Filled Products
668-34-8	Organotin
677-56-5	Air and Gas Filled Products
678-26-2	Air and Gas Filled Products
679-86-7	Air and Gas Filled Products
690-39-1	Air and Gas Filled Products
730-40-5	Disperse Dyes
789-02-6	Pesticides
811-97-2	Air and Gas Filled Products
819-00-1	Air and Gas Filled Products
838-88-0	Aromatic Amines
870-08-6	Organotin
872-50-4	Solvents and VOCs
1002-53-5	Organotin
1024-57-3	Pesticides
1163-19-5	Flame Retardants
1336-36-3	Other Organic Chemicals
1582-09-8	Pesticides
1649-08-7	Air and Gas Filled Products
1717-00-6	Air and Gas Filled Products
1746-01-6	Dioxins and Furans
1910-42-5	Pesticides
1937-37-7	Other Dyes
2354-06-5	Air and Gas Filled Products
2385-85-5	Pesticides
2425-06-1	Pesticides
2475-45-8	Disperse Dyes

<b>CAS Number</b>	<b>RSL Section</b>
2475-46-9	Disperse Dyes
2551-62-4	Air and Gas Filled Products
2581-69-3	Disperse Dyes
2602-46-2	Other Dyes
2642-71-9	Pesticides
2795-39-3	Auxiliary Substances
2832-40-8	Disperse Dyes
2837-89-0	Air and Gas Filled Products
2872-48-2	Disperse Dyes
2872-52-8	Disperse Dyes
3179-89-3	Disperse Dyes
3179-90-6	Disperse Dyes
3182-26-1	Air and Gas Filled Products
3268-87-9	Dioxins and Furans
3424-82-6	Pesticides
3761-53-3	Other Dyes
3825-26-1	Auxiliary Substances
3860-63-7	Disperse Dyes
4234-79-1	Pesticides
4259-43-2	Air and Gas Filled Products
4824-78-6	Pesticides
5412-25-9	Flame Retardants
6164-98-3	Pesticides
6250-23-3	Disperse Dyes
6373-73-5	Disperse Dyes
6923-22-4	Pesticides
7125-84-0	Air and Gas Filled Products
7439-92-1	Metals
7439-92-1	Packaging
7439-92-1	RoHS
7439-97-6	Metals, Packaging
7439-97-6	RoHS
7440-02-0	Metals
7440-36-0	Metals
7440-38-2	Metals
7440-39-3	Metals
7440-43-9	Metals, Packaging, RoHS
7440-47-3	Metals
7440-48-4	Metals
7440-50-8	Metals
7782-49-2	Metals
7786-34-7	Pesticides
8001-35-2	Pesticides
8001-50-1	Pesticides
9002-86-2	Packaging, Food Contact Materials
10265-92-6	Pesticides

<b>CAS Number</b>	<b>RSL Section</b>
12222-75-2	Disperse Dyes
12222-97-8	Disperse Dyes
12223-01-7	Disperse Dyes
12236-29-2	Disperse Dyes
13301-61-6	Disperse Dyes
13593-03-8	Pesticides
18540-29-9	Metals, Packaging, RoHS
19408-74-3	Dioxins and Furans
23355-64-8	Disperse Dyes
25167-83-3	Chlorinated Aromatics
25637-99-4	Flame Retardants
26761-40-0	Phthalates, Packaging, Food Contact Materials
28553-12-0	Phthalates, Packaging, Food Contact Materials
29255-31-0	Air and Gas Filled Products
31218-83-4	Pesticides
32534-81-9	Flame Retardants
32536-52-0	Flame Retardants
35822-46-9	Dioxins and Furans
39001-02-0	Dioxins and Furans
39227-28-6	Dioxins and Furans
40321-76-4	Dioxins and Furans
41198-08-7	Pesticides
50585-41-6	Dioxins and Furans
51207-31-9	Dioxins and Furans
51630-58-1	Pesticides
52315-07-8	Pesticides
52918-63-5	Pesticides
53469-21-9	Other Organic Chemicals
54824-37-2	Disperse Dyes
55673-89-7	Dioxins and Furans
56573-85-4	Organotin
57117-31-4	Dioxins and Furans
57117-41-6	Dioxins and Furans
57117-44-9	Dioxins and Furans
57648-21-2	Pesticides
57653-85-7	Dioxins and Furans
59536-65-1	Flame Retardants, RoHS
60851-34-5	Dioxins and Furans
61951-51-7	Disperse Dyes
63449-39-8	Flame Retardants
66230-04-4	Pesticides
67562-39-4	Dioxins and Furans
67933-57-7	Dioxins and Furans
68359-37-5	Pesticides
70648-26-9	Dioxins and Furans
72918-21-9	Dioxins and Furans

<b>CAS Number</b>	<b>RSL Section</b>
76253-60-6	Other Organic Chemicals
81161-70-8	Other Organic Chemicals
85136-74-9	Disperse Dyes
91465-08-6	Pesticides
99688-47-8	Other Organic Chemicals
107555-93-1	Dioxins and Furans
109333-34-8	Dioxins and Furans
110999-44-5	Dioxins and Furans
110999-45-6	Dioxins and Furans
110999-46-7	Dioxins and Furans
131166-92-2	Dioxins and Furans
132207-33-1	Asbestos
134190-50-4	Air and Gas Filled Products
138495-42-8	Air and Gas Filled Products