



Olimpias Group srl
Technical Safety Specifications

Introduction

Olimpias Group translate its commitment as a company with global responsibility with a continue research of products and processes that meet the highest sustainability standards.

This “Technical Safety Specifications” translate some of the basis of the Olimpias Group Code of Conduct and Environmental Policy and includes two **Restricted Substances Lists (RSL)**, one directed to products **Product RSL (PRSL)** and the other to processes **Manufacturing RSL (MRSL)**.

In details, the Manufacturing RSL describes a list of chemical substances banned from all tiers of the manufacturing processes involved in Olimpias apparel production.

These lists of chemical products and their limits will be regularly updated according to future scientific assessment on hazardous substances and consistent with the precautionary principles implemented by Olimpias Group.

With the intention of resetting the use of hazardous substances by 2020, Olimpias Group has decided to adopt voluntary restrictions more restrictive than those established by the laws in force in the countries of production, distribution and sale of garments, and from some globally recognized standards (e.g. OEKO TEX).



Olimpias Group srl
Manufacturing RSL

MRSL manufacturing

Categories (substances listed in chapter 1.2.)	Detail (substances listed in chapter 1.2.)	Detection Limits		Methods		Limits
		water µg/L	sludge mg/Kg	water	sludge	
Alkyphenols +	NP, OP	1	0,2	Reference to ASTM D7065	Reference to ASTM D5369, EPA 3540C & ASTM D7065	USAGE BAN
Alkyphenols Ethoxylates	NPEs, OPEs	1	0,2			
Chlorobenzenes and Chlorotoluenes	Chlorinated Benzenes and Toluenes	0,02	0,1	Reference to EPA 8260B & EPA 8270D	Reference to ASTM D5369, EPA 3540C, EPA 8260B & EPA 8270D	USAGE BAN
Chlorinated Phenols	MCP, DCPs, TriCP, TCP, TeCP, PCP	0,5	0,025	Reference to EPA 8270D	Reference to ASTM D5369, EPA 3540C & EPA 8270D	USAGE BAN
Colorants	Cleavable in Arylamines/Arylamines (Azo)	0,1	0,1	Reference to DIN 38407-16 and EN 14362-1 & 3	Reference to DIN 38407-16, EN 14362-1 & 3	USAGE BAN
	Carcinogenic	500	tbd*	LC-MS	LC-MS	
	Allergenic	50	tbd*	LC-MS	LC-MS	
Flame Retardants	PBBs, pentaBDE, octaBDE, DecaBDE, TCEP, TEPA	0,05	0,3	Reference to EPA 527 & EPA 8321B	Reference to ASTM D5369, EPA 3540C, EPA 527 & EPA 8321B	USAGE BAN
	BIS-BP, HBCDD, TBPP	0,5	0,25	Reference to EPA 527 & EPA 8321B	Reference to ASTM D5369, EPA 3540C, EPA 527 & EPA 8321B	
	Short Chain Chlorinated Paraffins	0,4	0,03	Reference to ISO/PRF 12010	Reference to ASTM D5369, EPA 3540C & ISO/PRF 12010	
Glycols	Glycols	50	tbd*	Reference to US EPA 8270	Reference to US EPA 8270	USAGE BAN
Halogenated Solvents	Chlorinated Solvents	1	0,3	Reference to EPA 8260B	Reference to EPA 5021, 8021B & EPA 8260B	USAGE BAN
Organotin Compounds	Organotin Compounds	0,01	0,01	Reference to EN ISO17353:2005	Reference to ASTM D5369, EPA 3540C & DS/EN ISO 23161	USAGE BAN
Perfluorinated Chemicals	PFCs	0,01	0,001	LC-MS-MS and GC-MS (FTOH)	Reference to ASTM D5369, EPA 3540C & LC-MS-MS	USAGE BAN
Phthalates	Phthalates	1	0,3	Reference to EPA 8270D	Reference to ASTM D5369, EPA 3540C & EPA 8270D	USAGE BAN
Polycyclic Aromatic Hydrocarbons	PAHs	1	tbd*	Reference to US EPA 8270 DIN 38407-39	Reference to US EPA 8270 DIN 38407-39	USAGE BAN
Volatil Organic Compounds	VOC	1	tbd*	ISO 11423-1, Headspace or Purge and Trap-GC/MS US EPA 8260		USAGE BAN
Heavy Metals	Pb	1	1	Reference to EPA 3015A & 6020A	Reference to EPA 3051A, 6020A	USAGE BAN
	Hg	0,05	0,02			
	Cd	0,1	1			
	Cr(VI)	1	1			
	As	1	1			
	Sb	1	1			
	Co	1	1			
	Ni	1	1			
	Cu	1	1			
	Zn	1	1			
	Mn	1	1			
Cr	1	1				
Ag	5	tbd*				
Cyanide	Cyanide	4	tbd*	Reference to US EPA 335.2, APHA 4500-CN, ISO 14403-1,-2	ISO 14403-1,-2; ISO 11262	USAGE BAN
Anions	Sulfide	10	tbd*	Reference to APHA 4500-S2-D		USO VIETATO
	Sulfite	200	tbd*	Reference to US EPA 377.1		

* tbd= da definire

The above list does not replace applicable national environmental or workplace safety restrictions.

Categories	Detail	Methods
General Chemicals	Temperature (°C)	Reference to US EPA 170.1
	TSS	Reference to US EPA 160.2, APHA 2540D
	COD	Reference to US EPA 410.4, APHA 5220D
	Total N	Reference to US EPA 351.2, APHA 4500P-J, APHA 4500N-C
	pH	Reference to ISO 10523, EN ISO 10523, US EPA 150.1, GB/T 6920
	Colour (m-1)(436nm; 525nm; 620nm)	Reference to ISO 7887-B
	BOD5	Reference to ISO 5815-1,-2 (5 gg), US EPA 405.1 (5 gg), APHA 5210B (5gg) HJ 505
	Ammonium-N	Reference to ISO 7150 ISO 11732, EN ISO 11732, US EPA 350.1, APHA 4500 NH3-N HJ 535. HJ 536
	Total P	Reference to ISO 11885, ISO 6878, EN ISO 11885, US EPA 365.4, APHA 4500P-J GB/T 11893
	AOX	Reference to ISO 9562, EN ISO 9563, US EPA 1650, HJ/T 83-2001
	Oil and Grease	Reference to ISO 9377-2, EN ISO 9377-2, US EPA 1664, C&D HJ 637
	Phenol	Reference to ISO 14402, EN ISO 14402, APHA 5530 B, C&D HJ 503
	Coliform (bacteria/100ml)	Reference to ISO 9308-1, EN ISO 9308-1, US EPA 9132, GB/T 5750.12
Persistent Foam	N/A	

Chemicals use best practices are available at the following link: <http://www.roadmaptozero.com> we suggest you keep visiting it on a regular basis.

Maintaining its commitment to zero discharges of hazardous chemicals within 2020 from all industrial processes involving any product or material, we request you and your supply chain to use only sustainable chemicals in compliance with above and with ZDHC MRSLS.



Olimpias Group srl

Product RSL

Chemical Requirements

Product RSL	9
LEGEND	11
Substances List	12
ALKYLPHENOLS AND ALKYLPHENOLS ETHOXYLATES	12
ASBESTOS AND ITS COMPOUNDS	12
CHLOROBENZENES AND CHLOROTOLUENES	12
COLORANTS	13
<i>CLEAVABLE ARYLAMINES/ARYLAMINES</i>	13
<i>CARCINOGENIC DYESTUFFS</i>	13
<i>ALLERGENIC DYESTUFFS</i>	14
<i>OTHER BANNED DYESTUFFS</i>	14
FLAME RETARDANTS	15
N-NITROSAMINE	16
OILS	16
ORGANOTIN COMPOUNDS	16
PESTICIDES	17
PFCs	19
PHENOLS	20
PHTALATES	20
SOLVENTS	21
ISOCYANATES	21
PAHs	22
REACH AND SVHCS	22

Mechanical and Physical Requirements

Legend	24
Small parts, sharp points, sharp edges	24
Apparel Requirements	25
BUTTONS	25
ZIP	25
VELCRO	25
SEWING THREAD	26
FLAT YANR, EMDROIDERY, APPLIQUÉ	26
RHINESTONES, STUDS AND OTHER WARM APPLICATIONS	26
HOODS	26

ELASTICAT CUFF	26
POMPONS, RIBBONS, BOWS, ETC...	26
SEQUINS	27
GLITTER	27
STONEWASH	27
MAGNET	27
PINS, BROOCHES AND SIMILARS	27
ADJUSTING TAF, FUNCTIONAL OR DECORATIVE TAB, EPAULETTE, TIE BELT AND SASH	27
BEADS	27
Flammability of children's sleepwear, pajamas, loungewear (robes, bathrobes, etc...) and homewear	28
Flammability (all ages)	29
Flammability of vinyl and plastic films (all ages)	30
Toys	31
Product similar to toys	31
Product similar to personal protective devices (oven gloves, pot holders, etc...)	31
Bill of Material (BoM)	32

Product PRSL

Categories	Detail (The complete list of substances is listed on p. 12)	Limit Value		Limit Value Recycled Materials		Methods	Detect. Limit [mg/Kg]
		0-14 years [mg/Kg]	above 14 years [mg/Kg]	0-14 years [mg/Kg]	above 14 years [mg/Kg]		
<i>Alkyphenols</i>	PP, HP	1000 at USAGE BAN		1000 at USAGE BAN		Solvent extraction and analysis by LC-MS-MS/GC-MS	100
	NP, OP	n.d. USAGE BAN		50 at USAGE BAN		Solvent extraction and analysis by LC-MS-MS/GC-MS	3
<i>Alkyphenols Ethoxylates</i>	NPEs, OPEs	50 at USAGE BAN		500 at USAGE BAN		EN 18254; EN ISO 18218 -2 (Leather)	3
<i>Asbestos</i>	Asbestos and its compounds	n.d. USAGE BAN		n.d. USAGE BAN		Microscopic examination SEM	N/A
<i>Biocides</i>	Reference (UE) 528/2012	n.d. USAGE BAN		n.d. USAGE BAN		Solvent extraction and analysis by GC-MS; Various	N/A
<i>Chlorobenzenes and Chlorotoluenes</i>	Chlorinated Toluenes, Monochlorobenzene, Dichlorobenzenes	SUM ≤ 1 ^{at} USAGE BAN		SUM ≤ 100 ^{at} USAGE BAN		DIN 54232	0,1
	Trichlorobenzenes, Tetrachlorobenzenes, Pentachlorobenzene, Hexachlorobenzene	n.d. USAGE BAN		n.d. USAGE BAN			0,1
<i>Phenols</i>	PCP	n.d.(< 0.05) USAGE BAN		n.d.(< 0.05) USAGE BAN		KOH extraction + BVL B 82.02.8; KOH extraction + ISO 17070 (Leather)	0,05
	TeCP			10 ^{at} USAGE BAN			
	TriCP			SUM < 0.5			
	DCPs	SUM < 0.5		SUM < 3			
	MCPs	SUM < 0.5		SUM < 3			
	OPP	50	100	50	100		
Triclosan	n.d.		n.d.			1	
<i>Bisphenol A</i>	BPA	n.d.		n.d.		LC MS-MS	0,1
<i>Colorants</i>	Cleavable Arylamines/Arylamines (Azo)	20 ^{at} USAGE BAN		20 ^{at} USAGE BAN	30 ^{at} USAGE BAN	EN 14362-1 e 3; ISO 17234-1 e 2 (Leather)	5
	Carcinogenic	n.d.(< 10)		30 ^{at}	50 ^{at}	DIN 54231	10
	Allergenic	n.d.(< 10)		30 ^{at}	50 ^{at}		
	Others	n.d.(< 10)		30 ^{at}	50 ^{at}		
<i>Dimethyl Fumarate</i>	DMFu	0,1		0,1		ISO/ TS 16186	0,05
<i>Flame Retardants (substances mainly used as flame retardants but not exclusively)</i>	PBB(mono/di/tri/tetra/penta/ esa/epta/octa/nona/deca), PBDE(tetra/penta/esa/epta/ octa/deca), TBBPA, BDDP, TBPH, TBB, HBCD, BIS-BP, TRIS, BBMP, HB, BTO, DTB, TBHO, TEPA, o- TCP, TXP, TCEP, TDCPP, PCB 209	n.d. USAGE BAN		n.d. USAGE BAN		GB/T 24279 or Solvent extraction and analysis by GC-MS o LC-MS; TEPA: KOH or NaOH digestion + GC-MS headspace analysis for ethylenediamine; EN ISO 17881 EN ISO 18219 (leather)	5
	Short Chain Chlorinated Paraffins (SCCP)	n.d. USAGE BAN		1000 ^{at} USAGE BAN			30
	Medium Chain Chlorinated Paraffins (MCCP)	n.d. USAGE BAN		1000 ^{at} USAGE BAN			100
<i>Formaldehyde</i>	Formaldehyde	n.d.(< 16)	75 (300 no skin contact)	n.d.(< 16)	75 (300 no skin contact)	Japan Law 112: JIS L 1041; ISO 17226-1 o 2 (Leather); EN 717-3 (Wood)	5
<i>Isocyanates</i>	Isocyanates (on foam)	n.d.		n.d.		LC MS-MS	3
<i>Heavy Metals</i>	Pb (Total Substrate and Coatings)	90 ^{at} USAGE BAN		90 ^{at} USAGE BAN		CPSC-CH-E1003-09.1 (Coatings); CPSC-CH-E1001-08.2; CPSC-CH-E1002-08.2	1
	Hg	n.d. USAGE BAN		n.d. USAGE BAN			
	As (in wood)	n.d.		n.d.			
	Cd (Total Substrate and Coatings)	40 ^{at} USAGE BAN		100 ^{at} USAGE BAN			
<i>Heavy Metals (Extractable)</i>	Cr(VI)	n.d. USAGE BAN		< 3 USAGE BAN		EN 16711-2; ISO 17075:2008 (leather)	0,5
	Cr	1.0 ^b	2.0 ^b	1.0 ^b	2.0 ^b	EN 16711-2; ISO 17072 - 1 (leather)	0,1
	As	0.2	1.0	0.2	1.0		0,05
	Pb	0.2 ^{at} ; 0.8 ^{at} leather USAGE BAN	1.0 ^{at} USAGE BAN	0.2 ^{at} ; 0.8 ^{at} leather USAGE BAN	1.0 ^{at} USAGE BAN		0,1
	Cd	0.1 ^{at} USAGE BAN		0.1 ^{at} USAGE BAN			0,02
	Sb	30		30			5
	Co	1.0	4.0	1.0	4.0		0,1
	Cu	25 ^a	50 ^a	25 ^a	50 ^a		5
	Ni	1.0	4.0	1.0	4.0		0,2
Hg	0.02 ^{at c} ; 0.05 ^{at} pelle USAGE BAN		0.02 ^{at c} ; 0.05 ^{at} pelle USAGE BAN		0,01		

Categories	Detail (The complete list of substances is listed on p. 12)	Limit Value		Limit Value Recycled Materials		Methods	Detect. Limit [mg/Kg]
		0-14 years [mg/Kg]	above 14 years [mg/Kg]	0-14 years [mg/Kg]	above 14 years [mg/Kg]		
<i>Nickel</i>	Ni Release	0.5 µg/cm ² /week		0.5 µg/cm ² /week		EN 12472:2005 & EN 1811 + A1: 2015	0,05
	Ni Release (piercing)	0.2 µg/cm ² /week		0.2 µg/cm ² /week			
<i>N-Nitrosamine^f</i>	N-Nitrosamine	n.d. (< 0.5)		n.d. (< 0.5)		GB/T 24153-2009; EN 71-12	0,05
	N-Nitrosamine, for toy ^e	n.d. (< 0.05)		n.d. (< 0.05)			
<i>Oils</i>	Oils (wood)	n.d.		n.d.		EN 13991	N/A
<i>Organotin Compounds</i>	TBT, TPhT	n.d. USAGE BAN		n.d. USAGE BAN		ISO 17353; ISO/TS 16179 (Leather)	0,025
	DBT	1 st USAGE BAN	1 st USAGE BAN	1 st USAGE BAN	1 st USAGE BAN		
	MMT, DMT, TMT, TeET, DPT, TPT, MBT, DBTC, TeBT, MOT, DOT, TOT, MPhT, DPhT, TCyHT	10 ^{at} USAGE BAN		1000 ^{at} USAGE BAN			
<i>Perfluorocarbons</i>	PFCs	1at µg/m ² USO VIETATO		1at µg/m ² USO VIETATO		CEN/TS 15968, Estrazione con solventi e analisi GC-MS/LC-MS	0,5
<i>Pesticides</i>	Sum	0.5		0.5		EPA 8081 - 8141 e 8151	0,05
<i>pH</i>	pH	4.0 - 7.5 ^b		4.0 - 7.5 ^b		ISO 3071; ISO 4045 (Liether)	0,1
		3.2 - 7.5 (Leither)		3.2 - 7.5 (Leither)			
<i>Colour Fastness</i>	Acid and alkaline perspiration	≥3/4 grey scale	≥3 grey scale	≥3/4 grey scale	≥3 grey scale	ISO 105-E04:2009	N/A
	Rubbing dry	≥4 grey scale	≥3 grey scale	≥4 grey scale	≥3 grey scale	ISO 105-X12:2003	
	Water	≥3/4 grey scale	≥3 grey scale	≥3/4 greyscale	≥3 grey scale	ISO 105-E01:2010	
<i>Phthalates</i>	DEHP, DBP, BBP, DIBP, DINP, DIDP, DNOP,DIHP,DHNUP, DMEP, DPrP, DIOP, DNP, DPP, DMP, DEP, DCHP, DHxP, Di-C6- 10 Alchil ftalati, Di- decil/esil/octil(mix) ftalati	Sum ≤ 500 ^{at} USAGE BAN		Somma ≤ 500 ^{at} USAGE BAN	500 ^{at} USAGE BAN	CPSC-CH-C1001-09.3; EN ISO 14389	50
<i>Polycyclic Aromatic Hydrocarbons</i>	BaA; BaP; BbFA; BeP; BjFA; BkFA; CHR; DBA _h A	0,5	1	0,5	1	AfPS GS 2014:01 PAK	0,2
	Others PAH	1		1			
<i>Packaging Restrictions</i>	Cd , Pb, Hg	Sum ≤ 100 ^{at} USAGE BAN		Sum ≤ 100 ^{at} USAGE BAN		CPSC-CH-E1003-09.1 (Coatings); CPSC-CH-E1001-08.3; CPSC-CH-E1002-08.3	1
	Cr (VI)	n.d. (< 0.5; < 3 ^{at} Leather) USAGE BAN		< 3 USAGE BAN		EN 16711-2; ISO 17075 (Leather)	0,1
	Formaldehyde	75		75		JIS L 1041	5
	Phthalates	1000 USAGE BAN		1000 USAGE BAN		CPSC-CH-C1001-09.3	50
	Odor	odorless (< 4)		odorless (< 4)		SNV 195651	
<i>Solvents</i>	Others	Sum ≤ 0.1		Sum ≤ 0.1		Solvent extraction and analysis by GC-MS	0,05
	Chlorinated Solvents	Sum ≤ 0.1 ^{at} USAGE BAN		Sum ≤ 0.1 ^{at} USAGE BAN			0,05
<i>Heavy Metals (Toys)^e</i>	Cr(VI)	0,2 ^{at} USAGE BAN	N.A.	0,2 ^{at} USAGE BAN	N.A.	EN 71-3	0,1
	Cr(III)	130		130			10
	As	47		47			10
	Pb	23 ^{at} USAGE BAN		23 ^{at} USAGE BAN			10
	Cd	17 ^{at} USAGE BAN		17 ^{at} USAGE BAN			5
	Sb	560		560			10
	Hg	94 ^{at} USAGE BAN		94 ^{at} USAGE BAN			10
	Ba	18750		18750			10
	Se	460		460			10
<i>Microbiological activity^d</i>	Oxygen index number	< 20		< 20		EN 12935 & EN 1162	0,1
	Mesophil aerobic bacteria count	< 10 ⁶ CFU/g		< 10 ⁶ CFU/g		EN 12935 & EN 1884 Selective medium and count plate method	< 100
	Faecal streptococci count	< 10 ² CFU/g		< 10 ² CFU/g			< 100
	Sulphite-reducing clostridium count	< 10 ² CFU/g		< 10 ² CFU/g			< 100
	Presence of salmonella	absent in 20 g		absent in 20 g			1

Legend

ID	Description
a	No requirements for accessories made from inorganic materials
b	The products that must be wet treated during the further processing can have a pH value within 4.0 and 10.5
c	Not Detectable for ink and dyes
d	<p>The following points must be respected for feather/down:</p> <p>-D.P.R.(Decree of the President of the Republic) 23.01.1975 n.845 establish that feather and down filled products and products filled with any other kind of material of animal origin must carry an irremovable and inerasable label containing the following information:</p> <ol style="list-style-type: none"> 1. Name and location of the producer and of the selling company. 2. Declaration certifying that the material has been sanitized and hygienically treated as set out in the existing regulations. <p>-D.M. (Minister's Decree) 10.11.1976 n.315 establish that feather, down and other fillinf materials must be sanitized as follows:</p> <ol style="list-style-type: none"> 1. Sorting 2. Dedusting 3. Washing 4. Centrifuging 5. Steam-drying (drying temperature: 120-140°, steaming pressure: 2-3 atmospheres for no less than 60 minutes). [check www.assopiuma.org/index_en.htm] <p>- It is mandatory to use and/or purchase RDS (Responsible Down Standards) certificated feathers and down jackets.</p>
e	Toys shall respect the EC Type Certification
f	It applies to all components from vulcanized rubber
g	Not applicable to leather
at	Allowable Trace: the trace amount represents the permitted unavoidable trace presence of a substance that is allowed to be found on the garment when the substance has been prohibited from use
USAGE BAN	A prohibition of intentional use of a substance during any and all stages of product manufacturing. However, the RSL identifies an allowable trace amount of some substances due to unavoidable contamination.

Substances List

Alkyphenols and Alkyphenols Ethoxylates

Name	CAS-Nr.	Abbreviation
Pentylphenol	80-46-6	PP
Heptilphenol	Various	HP
Octylphenol	Various	OP
Octylphenol ethoxylates	Various	OPEs [1 - 20]
Nonylphenol	Various	NP
Nonylphenol ethoxylates	Various	NPES [1 - 20]

Asbestos and its Compounds

Name	CAS-Nr.
Actinolite	77536-66-4
Amosite	12172-73-5
Anthophyllite	77536-67-5
Chrysotile	12001-29-5; 132207-32-0
Crocidolite	12001-28-4
Tremolite	77536-68-6

Chlorobenzenes and Chlorotoluenes

Name	CAS-Nr.
Monochlorobenzene	108-90-7
Dichlorobenzenes	541-73-1; 106-46-7; 95-50-1
Trichlorobenzenes	108-70-3; 120-82-1; 87-61-6
Tetrachlorobenzenes	95-94-3; 634-66-2, 634-90-2
Pentachlorobenzene	608-93-5
Hexachlorobenzene	118-74-1
Monochlorotoluenes	95-49-8; 108-41-8; 106-43-4
Dichlorotoluenes	95-73-8; 19398-61-9; 118-69-4; 32768-54-0; 95-75-0, 25186-47-4
Trichlorotoluenes	98-07-7; 2077-46-5; 7359-72-0; 6639-30-1; 23749-65-7; 21472-86-6
Tetrachlorotoluenes	5216-25-1; 2136-89-2; 81-19-6; 76057-12-0; 29733-70-8; 875-40-1
Pentachlorotoluene	877-11-2

Colorants

CLEAVABLE ARYLAMINES / ARYLAMINES (AZO)

Name	CAS-Nr.
4-Aminobiphenyl	92-67-1
Benzidine	92-87-5
4-Chloro-o-toluidine	95-69-2
2-Naphthylamine	91-59-8
o-Aminoazotoluene	97-56-3
5-Nitro-o-toluidine	99-55-8
p-Chloroaniline	106-47-8
2,4-Diaminoanisole	615-05-4
4,4'-Diaminodiphenylmethane	101-77-9
3,3'-Dichlorobenzidine	91-94-1
3,3'-Dimethoxybenzidine	119-90-4
3,3'-Dimethylbenzidine	119-93-7
4,4'-Methylene-di-o-toluidine	838-88-0
p-Cresidine	120-71-8
4,4'-Methylenebis(2-chloroaniline)	101-14-4
4,4'-Oxydianiline	101-80-4
4,4'-Thiodianiline	139-65-1
o-Toluidine	95-53-4
2,4-Toluenediamine	95-80-7
2,4,5-Trimethylaniline	137-17-7
o-Anisidine	90-04-0
2,4-Xylidine	95-68-1
2,6-Xylidine	87-62-7
4-Aminoazobenzene	60-09-3

CARCINOGENIC DYESTUFFS

Name	Structure Number	CAS-Nr.
Acid Orange 24	C.I. 20 170	1320-07-6
Acid Red 26	C.I. 16 150	3761-53-3
Acid Violet 49	-	1694-09-3
Basic Blue 26	-	2580-56-5
Basic Green 4	-	2437-29-8; 10309-95-2; 569-64-2; 18015-76-4
Basic Red 9	C.I. 42 500	569-61-9
Basic Violet 1	-	8004-87-3
Basic Violet 3	-	548-62-9; 603-48-5; 14426-25-6
Basic Violet 14	C.I. 42 510	632-99-5
Direct Black 38	C.I. 30 235	1937-37-7
Direct Black 91	C.I. 30 400	6739-62-4
Direct Blue 6	C.I. 22 610	2602-46-2
Direct Blue 76	C.I. 24 411	16143-79-6
Direct Blue 218	C.I. 24 401	28407-37-6
Direct Brown 95	C.I. 30 145	16071-86-6
Direct Red 28	C.I. 22 120	573-58-0

Direct Yellow 1	C.I. 22 250	6472-91-9
Disperse Blue 1	C.I. 64 500	2475-45-8
Disperse Orange 11	C.I. 60 700	82-28-0
Disperse Yellow 3	C.I. 11 855	2832-40-8
Pigment Red 104	C.I. 77 605	12656-85-8
Pigment Yellow 34	C.I. 77 603	1344-37-2
Solvent Blue 4	C.I. 44 045:1	6786-83-0
Solvent Yellow 1	C.I. 11 000	60-09-3
Solvent Yellow 2	-	60-11-7
Solvent Yellow 3	-	97-56-3

ALLERGENIC DYESTUFFS

Name	Structure Number	CAS-Nr.
Disperse Blue 1	C.I. 64 500	2475-45-8
Disperse Blue 3	C.I. 61 505	2475-46-9
Disperse Blue 7	C.I. 62 500	3179-90-6
Disperse Blue 26	C.I. 63 305	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	C.I. 11 080	2581-69-3
Disperse Orange 3	C.I. 11 005	730-40-5
Disperse Orange 37/76/59	C.I. 11 132	13301-61-6
Disperse Red 1	C.I. 11 110	2872-52-8
Disperse Red 11	C.I. 62 015	2872-48-2
Disperse Red 17	C.I. 11 210	3179-89-3
Disperse Yellow 1	C.I. 10 345	119-15-3
Disperse Yellow 3	C.I. 11 855	2832-40-8
Disperse Yellow 9	C.I. 10 375	6373-73-5
Disperse Yellow 39	-	12236-29-2
Disperse Yellow 49	-	54824-37-2
Solvent Yellow 14	C.I. 12 055	842-07-9

OTHER BANNED DYESTUFFS

Name	Structure Number	CAS-Nr.
Disperse Orange 149	-	85136-74-9
Disperse Yellow 23	C.I. 26 070	6250-23-3
Navy Blue (Blue colorant)	Index number	Component 1:
Component 1:	611-070-00-2	118685-33-9
<chem>C39H23ClCrN7O12S.2Na</chem>		
Component 2:		
<chem>C46H30CrN10O20S2.3Na</chem>		

Flame retardants

Name	CAS-Nr.	Abbreviation
Polybrominated biphenyls	various	PBBs
Monobromobiphenyl	2052-07-05	MonoBB
Dibromobiphenyl	57422-77-2	DiBB
Tribromobiphenyl	59080-34-1	TriBB
Tetrabromobiphenyl	60044-24-8	TetraBB
Pentabromo-1,1'-biphenyl	59080-39-6	PentaBB
Hexabromobiphenyl	60044-26-0	HexaBB
Heptabromo-1,1'-biphenyl	88700-06-5	HeptaBB
Octabromobiphenyl	67889-00-3	OctaBB
Nonabromobiphenyl	69278-62-2	NonaBB
Decabromobiphenyl	13654-09-6	DecaBB
Tetrabromodiphenyl ether	40088-47-9; 5436-43-1	tetraBDE
Pentabromodiphenyl ether	32534-81-9	pentaBDE
Hexabromodiphenyl ether	36483-60-0; 68631-49-2; 207122-15-4	hexaDBE
Heptabromodiphenyl ether	446255-22-7; 207122-16-5; 68928-80-3	heptaDBE
Octabromodiphenyl ether	32536-52-0; 337513-72-1	octaBDE
Decabromodiphenyl ether	1163-19-5	decaBDE
Tetrabromobisphenol A	79-94-7	TBBPA
Tetrabromobisphenol A bis(dibromopropyl ether)	21850-44-2	BDDP
Tetrabromophthalate	26040-51-7	TBPH
Tetrabromobenzoate	183658-27-7	TBB
Hexabromocyclododecane	25637-99-4; 3194-55-6	HBCDD
Bis (2,3-dibromopropyl) phosphate	5412-25-9	BIS-BP
Tri-(2,3-dibromopropyl)-phosphate	126-72-7	TRIS
2,2-Bis(bromomethyl)-1,3-propanediol	3296-90-0	BBMP
Boric Acid	10043-35-3; 11113-50-1	HB
Diboron trioxide	1303-86-2	BTO
Disodium tetraborate	1303-96-4; 1330-43-4; 12179-04- 3	DTB
Tetraboron disodium heptaoxide, hydrate	12267-73-1	TBHO
Tris(aziridinyl)phosphineoxide	5455-55-1	TEPA
Tri-o-cresyl phosphate	78-30-8	o-TCP
Trixylyl phosphate	25155-23-1	TXP
Tris(2-chloroethyl) phosphate	115-96-8	TCEP
Tris(1,3-dichloro-2-propyl) phosphate	13674-87-8	TDCPP
Decachlorobiphenyl	2051-24-3	PCB 209
Short Chain Chlorinated Paraffins C10 to C13	85535-84-8	SCCP
Medium Chain Chlorinated Paraffins C14 to C17	85535-85-9	MCCP

N-Nitrosamine

Name	CAS-Nr.
N-nitrosodimethylamine	62-75-9
N-nitrosodiethylamine	55-18-5
N-nitrosodipropylamine	621-64-7
N-nitrosodibutylamine	924-16-3
N-nitrosopiperidine	100-75-4
N-nitrosopyrrolidine	930-55-2
N-nitrosomorpholine	59-89-2
N-nitroso-N-methylaniline	614-00-6
N-nitroso-N-ethylaniline	612-64-6

Oils

Name
Acenaphthene fractions
Alkaline extracts
Cresote (wash oil)
Cresote (wood)
Cresote oil (wash oil)
Distillates (coal tar)
Distillates (coal tar) upper,
Extract residues (coal)
Heavy anthracene oil
Low temperature coal tar alkaline oil
Naphthalene oils
Tar acids, coal, crude, crude phenols

Organotin Compounds

Name	CAS-Nr.	Abbreviation
Monomethyltin	83221-98-1	MMT
Dimethyltin	23120-99-2	DMT
Trimethyltin	17272-57-0	TMT
Tetraethyltin	597-64-8	TeET
Dipropyltin	2406-60-2	DPT
Tripropyltin	761-44-4	TPT
Monobutyltin	78763-54-9	MBT
Dibutyltin	14488-53-0	DBT
Dibutyltin dichloride	683-18-1	DBTC
Tributyltin	36643-28-4	TBT
Tetrabutyltin	1461-25-2	TeBT
Monooctyltin	15231-44-4	MOT
Diocetyl tin	15231-44-4	DOT
Triocetyl tin	250252-89-2	TOT
Monophenyltin	2406-68-0	MPhT
Diphenyltin	1011-95-6	DPhT
Triphenyltin	668-34-8	TPhT
Tricyclohexyltin	6056-50-4	TCyHT

Pesticides

Name	CAS-Nr.
2,4,5-T	93-76-5
2,4-D	94-75-7
Acetamipirid	135410-20-7; 160430-64-8
Aldicarb	116-06-3
Aldrin	309-00-2
Azinphos-methyl	86-50-0
Azinphos-ethyl	2642-71-9
Bromophos-ethyl	4824-78-6
Captafol	2425-06-1
Carbaryl	63-25-2
Chlorbenzilate	510-15-6
Chlordane	57-74-9
Chlordimeform	6164-98-3
Chlorfenvinphos	470-90-6
Clothianidin	210880-92-5
Coumaphos	56-72-4
Cyfluthrin	68359-37-5
Cyhalothrin	91465-08-6
Cypermethrin	52315-07-8
DEF	78-48-8
Deltamethrin	52918-63-5
DDD	53-19-0, 72-54-8
DDE	3424-82-6, 72-55-9
DDT	789-02-6; 50-29-3
Diazinon	333-41-5
Dichlorprop	120-36-5
Dicrotophos	141-66-2
Dieldrin	60-57-1
Dimethoate	60-51-5
Dinoseb and salts	88-85-7; Various
Dinotefuran	165252-70-0
α - Endosulfan	959-98-8
β - Endosulfan	33213-65-9
Endrin	72-20-8
Esfenvalerate	66230-04-4
Fenvalerate	51630-58-1
Heptachlor	76-44-8
Heptachlorepoxyde	1024-57-3; 28044-83-9
Hexachlorobenzene	118-74-1

to be continued

Name	CAS-Nr.
α - Hexachlorocyclohexane	319-84-6
β - Hexachlorocyclohexane	319-85-7
δ - Hexachlorocyclohexane	319-86-8
Kelevan	4234-79-1
Kepone	143-50-0
Imidacloprid	105827-78-9; 138261-41-3;
Isodrin	465-73-6
Lindane	58-89-9
Malathion	121-75-5
MCPA	94-74-6
MCPB	94-81-5
Mecoprop	93-65-2
Methamidophos	10265-92-6
Methoxychlor	72-43-5
Mevinphos	7786-34-7
Mirex	2385-85-5
Monocrotophos	6923-22-4
Nitenpyram	150824-47-8; 120738-89-8
Parathion	56-38-2
Parathion-methyl	298-00-0
Perthan	72-56-0
Phosphamidone	13171-21-6
Profenofos	41198-08-7
Propetamphos	31218-83-4
Quinalphos	13593-03-8
Quintozene	82-68-8
Strobane	8001-50-1
Telodrin	297-78-9
Thiacloprid	111988-49-9
Thiamethoxam	153719-23-4
Toxaphene	8001-35-2
Trifluralin	1582-09-8

PFCs

Name	CAS-Nr.	Abbreviation
Perfluorooctane sulfonate and related substances	Various	PFOS
Perfluorooctanesulfonamide	754-91-6	PFOSA
N-Methyl-Perfluorooctanesulfonamide	31506-32-8	N-Me-FOSA
N-Ethyl-Perfluorooctanesulfonamide	4151-50-2	N-Et-FOSA
N-Methyl-Perfluorooctanesulfonamidoethanol	24448-09-7	N-Me-FOSE
N-Ethyl-Perfluorooctanesulfonamidoethanol	1691-99-2	N-Et-FOSE
Perfluorooctanesulfonylfluoride	307-35-7	PFOSF
7H-Dodecafluoroheptanoic acid	1546-95-8	HPFHpA
2H,2H-Perfluorodecanoic acid	882489-14-7	H2PFDA
Perfluorooctanoic acid	335-67-1	PFOA
Perfluorobutanoic acid	375-22-4	PFBA
Perfluoropentanoic acid	2706-90-3	PFPeA
Perfluorohexanoic acid	307-24-4	PFHxA
Perfluoroheptanoic acid	375-85-9	PFHpA
Perfluorononanoic acid	375-95-1	PFNA
Perfluorodecanoic acid	335-76-2	PFDA
Perfluoroundecanoic acid	2058-94-8	PFUnA
Perfluorododecanoic acid	307-55-1	PFDoA
Perfluorotridecanoic acid	72629-94-8	PFTTrA
Perfluorotetradecanoic acid	376-06-7	PFTeA
Perfluorobutanesulfonate K-salt	29420-49-3	PFBS-K
Perfluorohexanesulfonate Na-salt	82382-12-15	PFHxS-Na
Perfluoroheptanesulfonate Na-salt	68555-66-8	PFHpS-Na
Perfluorodecanesulfonate Na-salt	3830-45-3	PFDS-Na
Perfluorodecanesulfonate K-salt	2806-16-8	PFDS-K
Perfluorodecanesulfonate ammonium salt	3108-42-7	APFDS
Perfluorooctanoate ammonium salt	3825-26-1	APFO
Perfluorononanoate Na-salt	21049-39-8	PFN
Perfluorononanoate ammonium salt	4149-60-4	APFN
Perfluorobutane sulfonic acid	375-73-5; 59933-66-3	PFBS
Perfluorohexane sulfonic acid	355-46-4	PFHxS
Perfluoroheptane sulfonic acid	375-92-8	PFHpS
Perfluorodecane sulfonic acid	335-77-3	PFDS
Perfluoro-3,7-dimethyloctanoic acid	172155-07-6	PF-3,7-DMOA
1H,1H,2H,2H-Perfluorooctane sulfonic acid	27619-97-2	1H,1H,2H,2H-PFOS
2H,2H,3H,3H-Perfluoroundecanoic acid	34598-33-9	H4PFUnA
1H,1H,2H,2H-Perfluorohexane-1-ol	2043-47-2	4:2 FTOH
1H,1H,2H,2H-Perfluoro-1-octanol	647-42-7	6:2 FTOH
1H,1H,2H,2H-Perfluoro-1-decanol	678-39-7	8:2 FTOH
1H,1H,2H,2H-Perfluorododecane-1-ol	865-86-1	10:2 FTOH
1H,1H,2H,2H-Perfluorooctylacrylate	17527-29-6	6:2 FTA
1H,1H,2H,2H-Perfluorodecylacrylate	27905-45-9	8:2 FTA
1H,1H,2H,2H-Perfluorododecylacrylate	17741-60-5	10:2 FTA
1H,1H,2H,2H-Perfluorodecanesulfonate	39108-34-4	8:2 FTS

Phenols

Name	CAS-Nr.	Abbreviation
Pentachlorophenol	87-86-5	PCP
2,3,5,6-Tetrachlorophenol	935-95-5	TeCP
2,3,4,6-Tetrachlorophenol	58-90-2	TeCP
2,3,4,5-Tetrachlorophenol	4901-51-3	TeCP
2,4,6-Trichlorophenol	88-06-2	TriCP
2,4,5-Trichlorophenol	95-95-4	TriCP
2,3,4-Trichlorophenol	15950-66-0	TriCP
2,3,5-Trichlorophenol	933-78-8	TriCP
3,4,5-Trichlorophenol	609-19-8	TriCP
2,3,6-Trichlorophenol	933-75-5	TriCP
2,3-Dichlorophenol	576-24-9	DCP
2,4-Dichlorophenol	120-83-2	DCP
2,5-Dichlorophenol	583-78-8	DCP
2,6-Dichlorophenol	87-65-0	DCP
3,4-Dichlorophenol	95-77-2	DCP
3,5-Dichlorophenol	591-35-5	DCP
2-Chlorophenol	95-57-8	MCP
3-Chlorophenol	108-43-0	MCP
4-Chlorophenol	106-48-9	MCP
Orthophenylphenol	90-43-7	OPP
Triclosan	3380-34-5	

Phthalates

Name	CAS-Nr.	Abbreviation
Bis(2-ethylhexyl)phthalate	117-81-7	DEHP
Dibutylphthalate	84-74-2	DBP
Di-iso-butylphthalate	84-69-5	DIBP
Benzylbutylphthalate	85-68-7	BBP
Di-n-octylphthalate	117-84-0	DNOP
Di-iso-nonylphthalate	28553-12-0; 68515-48-0	DINP
Di-iso-decylphthalate	26761-40-0; 68515-49-1	DIDP
Dimethylphthalate	131-11-3	DMP
Diethylphthalate	84-66-2	DEP
Di-n-propylphthalate	131-16-8	DPrP
Dipentylphthalate, branched and linear	131-18-0; 605-50-5; 776297-69-9; 84777-06-0	DPP
Dihexylphthalate, branched and linear	68515-50-4; 84-75-3; 71850-09-4	DHxP
Dicyclohexylphthalate	84-61-7	DCHP
Di-iso-octylphthalate	27554-26-3	DIOP
Di-n-nonylphthalate	84-76-4	DNP
Bis(2-methoxyethyl) phthalate	117-82-8	DMEP
Di-C6-8-branched alkylphthalates, C7-rich	71888-89-6	DIHP
Di-C7-11-branched and linear alkylphthalates	68515-42-4	DHNUP
Di-C6-10 alkylphthalates	68515-51-5	
Di-decyl/hexyl/octyl (mixed) phthalates	68648-93-1	

Solvents

Name	CAS-Nr.
Dichloromethane	75-09-2
Trichloromethane	67-66-3
1,2-Dichloroethane	107-06-2
1,1,1-Trichloroethane	71-55-6
1,1,2-Trichloroethane	79-00-5
1,1,1,2-Tetrachloroethane	630-20-6
1,1,2,2-Tetrachloroethane	79-34-5
Pentachloroethane	76-01-7
Hexachloroethane	67-72-1
1,1-Dichloroethylene	75-35-4
Trichloroethylene	79-01-6
Tetrachloroethylene	127-18-4
1, 2, 3-trichloropropane	96-18-4
Carbon tetrachloride	56-23-5
Benzyl chloride	100-44-7
Nitrobenzene	98-95-3
Formamide	75-12-7
N,N-Dimethylformamide	68-12-2
N-methylacetamide	79-16-3
N,N - Dimethylacetamide	127-19-5
1-Methyl-2-pyrrolidone	872-50-4

Isocyanates

Name	CAS-Nr.	Abbreviation
2,2'-Methylenediphenyl diisocyanate	2536-05-2	2,2'-MDI
2,4'-Methylenebis (phenyl isocyanate)	5873-54-1	2,4'-MDI
4,4'-Methylenebis (phenyl isocyanate)	101-68-8	4,4'-MDI
4,4'-Methylenedicyclohexyl diisocyanate	5124-30-1	4,4'-HMDI
2,6-Diisopropylphenyl isocyanate	28178-42-9	
Hexamethylene diisocyanate	822-06-0	HMDI
1,6-hexamethylene diisocyanate trimer	28182-81-2	
1,6-hexamethylene diisocyanate biuret	4035-89-6	
Isophorone diisocyanate	4098-71-9	IPDI
Napthylene-1,5-diisocyanate	3173-72-6	1,5-NDI
Phenylisocyanate	103-71-9	
Tetramethylxylene diisocyanate	2778-42-9	TMXDI
Toluene-2,4-diisocyanate	584-84-9	2,4-TDI
Toluene-2,6-diisocyanate	91-08-7	2,6-TDI
Toluene-2,4/2,6-diisocyanate mixture	26471-62-5	

PAHs

Name	CAS-Nr.
Acenaphthene	83-32-9
Acenaphthylene	208-96-8
Anthracene	120-12-7
Benzo[a]anthracene (BaA)	56-55-3
Benzo[a]pyrene (BaP)	50-32-8
Benzo[b]fluoranthene (BbFA)	205-99-2
Benzo[e]pyrene (BeP)	192-97-2
Benzo[j]fluoranthene (BjFA)	205-82-3
Benzo[k]fluoranthene (BkFA)	207-08-9
Chrysene (CHR)	218-01-9
Dibenzo[a,h]anthracene (DBAhA)	53-70-3
Naphthalene	91-20-3
Fluorene	86-73-7
Phenanthrene	85-01-8
Fluoranthene	206-44-0
Pyrene	129-00-0
Indeno[1,2,3-cd]pyrene	193-39-5
Benzo[g,h,i]perylene	191-24-2
Cyclopenta(c,d)pyrene	27208-37-3
Dibenzo(a,e)pyrene	192-65-4
Dibenzo(a,h)pyrene	189-64-0
Dibenzo(a,i)pyrene	189-55-9
Dibenzo(a,l)pyrene	191-30-0
1-Methylpyrene	2381-21-7

REACH and SVHC

All suppliers must regularly visit the web-page of European Chemicals Agency (ECHA), ensure that REACH requirements are met (reg. EC 1907/2006), adjust to SVHC list and potential SVHC list (Substances of Very High Concern) which are regularly updated.

ECHA homepage: <http://echa.europa.eu>

ECHA SVHC list: <http://echa.europa.eu/web/guest/candidate-list-table>

ECHA registry of SVHC intentions: <http://echa.europa.eu/en/web/guest/registry-of-current-svhc-intentions>

Besides respecting this Technical Safety Specifications, suppliers must immediately inform Olimpias Group whenever any SVHC exceeds the 0,1 w-% of a product and must immediately replace the SVHC with non-hazardous substitutes. Olimpias Group does not accept products containing SVHC substances over 0,1 w-%.



Olimpias Group srl
Mechanical and Physical Requirements

Legend

ID	Description
USA/Canada	<i>Requirements for articles intended for USA/Canada destinations</i>
World	<i>Requirements for articles intended for all destinations</i>
0 – 1	<i>For children height under 82 mm (sizes smaller than 82)</i>
0 – 3	<i>For children height under 110 mm (sizes smaller than XS)</i>
0 – 14	<i>For all children</i>
4 – 14	<i>For children height equal or over 110 mm (sizes equal or greater than XS)</i>

Small parts, sharp points, sharp edges

Requirement	Destinaton	Age (years)
According to BS 7907, small parts with largest dimension: <ul style="list-style-type: none"> > 6 mm shall not detach using a removal force <70 N; > 3 mm and ≤ 6 mm shall not detach using a removal force <50 N; ≤ 3 mm shall not detach (negligible change) after aggressive laundering process as per BS 7907 "Attachment C". 	World	0-3
No sharp point and sharp edges must be present.	World	0-14
No small parts before and after prima e dopo i test di uso/abuso (HR 4040 + 16 CFR 1501 + 1500.48-53).	USA/Canada	0-3
No sharp points/edges before and after use/abuse testing (16 CFR 1500.48-53).	USA/Canada	0-8

What explained refers to clothing and garment accessories including spare buttons or trims.

Apparel Requirements

Element at Risk	Requirement	Destination	Age (years)
Buttons	<ul style="list-style-type: none"> Reinforce base fabric if necessary; Sew buttons with state of the art button machines that securely double tie the last stitch. 	World	0-3
	<ul style="list-style-type: none"> Food-imitating buttons are not permitted; <p>Be careful to multi-component buttons.</p>	World	0-14
Zip	<ul style="list-style-type: none"> No longer than 75 mm from zip slider; Where the garment is designed to finish at the ankle, the zip slider should not hang below the lower edge. <p>Boys trousers shall have zip guard at least 20 mm wide fixed at the base of slide fastener to avoid penis entrapment.</p> <p>Around the face and neck the use of a fabric zip guard and an inner flap is recommended to reduce the risk of catching or scratching.</p> <p>Ensure that the zip are in compliance with USA/Canada requirements (16CFR 1501 + 1500.48-53) and World requirements (EN 16732-CEN/TR 16972 at least performance code "B" and specific requirements for children garments).</p>	World	0-14
Velcro	<ul style="list-style-type: none"> Use soft quality velcro (touch and close fasteners). 	World	0-1
	<ul style="list-style-type: none"> Velcro shall be long enough to allow comfortable fastening with no constriction; The hook component should be directed away from the skin to avoid the risk of skin abrasion; Use velcro with rounded corners to avoid the risk of scratching. 	World	0-14

Element at Risk	Requirement	Destination	Age (years)
<i>Sewing thread, float yarn, embroidery, appliqué</i>	Uncut float stitches shall be shorter than 10 mm in the hand and foot area of the garment, in case of jacquard fabrics.	World	0-1
	Uncut float stitches shall be shorter than 10 mm on the inner and the outer side of embroideries or appliqué.	World	0-3
	<p>No monofilament sewing thread, unless the skin contact is avoided by lining/fusible interlining to prevent the risk of abrasion.</p> <p>For embroidery and appliqué ensure that:</p> <ul style="list-style-type: none"> • Stitch density cannot cause an element detachment; • Elements cannot be degraded by exposure to heat, laundering, detergents etc...; • Back of stitching shall not rub against skin: if there is a risk of abrasion, use fusible interlining or full panel lining. <p>Thread ends shall be shorter than 10 mm in the hand and foot area of the garment;</p> <p>Mesh fabrics, used as a lining for boys swimming trunks and pants, must be made in soft fabric with a hole size less than 1,5 mm.</p>	World	0-14
<i>Rhinestones, studs and other warm applications</i>	NOT PERMITTED	World	0-3
<i>Hoods</i>	No hoods on sleepwear (pajamas, etc...).	World	0-1
	Avoid risk of suffocation with the design and materials (for example with interlining).		
<i>Elastic cuffs</i>	Shall not be too tight to avoid blood flow reduction to the hands or feet (especially for newborn garments).	World	0-14
<i>Pompons, ribbons, bows, etc...</i>	<ul style="list-style-type: none"> • Pompons and tassels made of free cut are not permitted; • Manual application is NOT PERMITTED (low reproducibility); • Attached with at least two secure fixes; 	World	0-3

Element at Risk	Requirement	Destination	Age (years)
<i>Sequins</i>	NOT PERMITTED	World	0-3
	<ul style="list-style-type: none"> Ensure that back of stitching does not rub against skin, use lining/fusible interlining when there is a risk of abrasion and when it is used monofilament sewing thread; Secure by sufficient number of stitches to hold the sequin flat. 	World	4-14
<i>Not accessible sequins</i>	<ul style="list-style-type: none"> Cover sequins with dense mesh fabric firmly sewn to the garment, so that the accessibility to the sequins is not allowed and their detachment is avoided; For children under 3 years old, perform small parts test after aggressive laundering process according to BS 7907 "Attachment C"; Follow sequins general rules (see above). 	World	0-14
<i>Glitter</i>	Spread over glitter is not permitted.	World	0-3
<i>Stonewash</i>	Be careful that stones or other residues does not remain in pockets or turn-ups because they present a choking hazard.	World	0-3
<i>Magnets</i>	NOT PERMITTED	World	0-14
<i>Pins, brooches and similar</i>	NOT PERMITTED	World	0-14
<i>Adjusting tabs, functional or decorative tab, epalurette, tie belt and sashe</i>	Secure end to prevent fraying by heat sealing or bar tracking.	World	0-14
<i>Beads</i>	NOT PERMITTED	World	0-3
	For manual applications secure by sufficient number of stiches to hold them flat and lock at least every 10 stiches.	World	4-14

Flammability of children's sleepwear, pajamas, loungewear (robes, bathrobes, etc...) and homewear (only USA 0 – 14 years)

Requirement	Destination	Age (years)
<ul style="list-style-type: none"> • Regular fitting: flame resistant and self-extinguish as specified in 16 CFR 1615 (0-6 years) e 16 CFR 1616 (7-14 years); <p>Or</p> <ul style="list-style-type: none"> • Tight-fitting: respect particular fitting requirements (see table in 16 CFR 1515/1516) and respect 16 CFR 1610 and 1611 requirements. <p>TEST SHALL BE PERFORMED IN CPSC ACCREDITED LABORATORIES</p>	USA/Canada	0-14

Flammability (all ages)

Requirement	Destination	Age (years)												
<p>In case of plain surface fabric:</p> <ul style="list-style-type: none"> • Belong to class 1 of 16 CFR 1610 flammability <p>In case of raised surface fabric:</p> <ul style="list-style-type: none"> • Belong to class 1 or 2 of 16 CFR 1610 flammability <table border="1" data-bbox="204 524 1090 837"> <thead> <tr> <th>Class</th> <th>Plain Surface fabric¹</th> <th>Raised Surface fabric²</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Average burn time $\geq 3,5$ sec.</td> <td>Average burn time $> 7,0$ seconds OR Average burn time is between 0 and 7 seconds with no base burns (SFBB)</td> </tr> <tr> <td>2</td> <td>Not applicable</td> <td>Average burn time is between 4 and 7 seconds with base burns (SFBB)</td> </tr> <tr> <td>3</td> <td>Average burn time $< 3,5$ sec.</td> <td>Average burn time $< 4,0$ seconds with base burns (SFBB)</td> </tr> </tbody> </table> <p>¹Plain surface fabric means: any textile fabric which doesn't have an intentionally raised fibre or yarn surface.</p> <p>²Raised surface fabric means: any textile fabric with an intentionally raised fibre or yarn surface such as a pile, including flocked pile, nap or tufting.</p> <p>Note: 16 CFR includes particular exemptions:</p> <ul style="list-style-type: none"> • For composition: completely made of one of the following fibres or completely made by a combination of them: acrylic, modacrylic, nylon, olefin, polyester, wool; • For surface morphology or weight: plain surface fabric and fabric with weight equal or greater than $88,2 \text{ g/m}^2$. <p>Therefore must be tested all not exempt fabrics for composition:</p> <ul style="list-style-type: none"> • With weight $< 88,2 \text{ g/m}^2$; • With raised surface (whether or not weight) . <p>Attention:</p> <ol style="list-style-type: none"> Decorative items may alter burning behaviour of base fabric; Silk voile, viscose voile, viscose chenille, cotton terry, gauze, faux fur and velvet are high risk fabrics; Plain surface sweatshirts (Class 1) with raised fibre surface inside (Class 1 or 2) that may be worn inside out shall respect Class 1; Verify effective weight is $> 88.2 \text{ g/m}^2$ (e.g. cotton). 	Class	Plain Surface fabric ¹	Raised Surface fabric ²	1	Average burn time $\geq 3,5$ sec.	Average burn time $> 7,0$ seconds OR Average burn time is between 0 and 7 seconds with no base burns (SFBB)	2	Not applicable	Average burn time is between 4 and 7 seconds with base burns (SFBB)	3	Average burn time $< 3,5$ sec.	Average burn time $< 4,0$ seconds with base burns (SFBB)	World	All
Class	Plain Surface fabric ¹	Raised Surface fabric ²												
1	Average burn time $\geq 3,5$ sec.	Average burn time $> 7,0$ seconds OR Average burn time is between 0 and 7 seconds with no base burns (SFBB)												
2	Not applicable	Average burn time is between 4 and 7 seconds with base burns (SFBB)												
3	Average burn time $< 3,5$ sec.	Average burn time $< 4,0$ seconds with base burns (SFBB)												

Requirement	Destination	Age (Years)
<p>TEST FOR CHILDREN'S PRODUCTS SHALL BE PERFORMED IN CPSC ACCREDITED LABORATORIES</p> <p>For children daytime apparel style, it is necessary to provide to the importer all the elements necessary to release a "Children's Product Certificate".</p>	USA/Canada	0-14
<p>For adult daytime apparel style, it is necessary to provide to the importer all the elements necessary to release a "General Certificate of Conformity".</p>	USA/Canada	All

Flammability of vinyl plastic films (all ages)

Requirement	Destination	Age (years)
<p>Standard Flame spread: <3 cm/sec (< 1.2 in/sec).</p> <p>Applicable to:</p> <p>A) Vinyl plastic films of thickness ≤ 0.254 mm;</p> <p>B) Textiles covered/spread with vinyl plastic films:</p> <ol style="list-style-type: none"> The two parts shall be divided: plastic film shall be tested according to 16 CFR 1611, textile base according to normal flammability (16 CFR 1610); If the two parts cannot be divided, the whole sample shall be tested according to 16 CFR 1610. If the conditioning procedures required in the 16 CFR 1610 damage or alter the physical characteristics of the film, sample shall be tested in accordance with 16 CFR 1611. <p>Attention: Decorative items may alter burning behavior.</p> <p>TEST SHALL BE PERFORMED IN CPSC ACCREDITED LABORATORIES</p>	USA/Canada	All

Toys

Requirement	Destination	Age (years)
Toys shall be CE marking certificated and respect all toys restrictions (EN 71).	World	0-14

Product similar to toys

Requirement	Destination	Age (years)
Products that are not toys but similar, must respect all EC type certification restrictions (EN 71) and their compliance must be proven with a test report.	World	0-14

Products similar to protective devices (oven gloves, pot holders, etc.).

Requirement	Destination	Age (years)
<p>Personal protective devices shall mean “any device or appliance designed to be worn or held by an individual for protection against one or more health and safety hazards”.</p> <p>They pursuant to Directive 89/696/CEE and shall comply with EN 407-702 (Article 1, 2 (a)).</p> <p>Although they are exempt from CE marking, pursuant to Annex 1, they shall fulfill the purpose for which they were designed or advertised: they shall afford “PPE shall provide adequate protection against all risks encountered” (Annex 2).</p>	World	All

