



RESTRICTED SUBSTANCES LIST OF MARSHALL GROUP AB

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Products and materials supplied to Marshall Group AB, including components to be used in products branded adidas, Marshall and Urbanears, must comply with the following requirements.

No.	Requirement	Item	Limit
1	RoHS (2011/65/EU) including amendment (EU) 2015/863 to Annex II: in each homogenous material	Cadmium	<100 ppm
2		Lead	< 1000 ppm
3		Mercury	<1000 ppm
4		Chromium (VI)	<1000 ppm
5		Polybrominated biphenyls (PBBs)	<1000 ppm
6		Polybrominated diphenyl ethers (PBDEs)	<1000 ppm
7		Bis(2-Ethylhexyl) phthalate (DEHP)	<1000 ppm
8		Benzyl butyl phthalate (BBP)	<1000 ppm
9		Dibutyl phthalate (DBP)	<1000 ppm
10		Diisobutyl phthalate (DIBP)	<1000 ppm
11	California Proposition 65	Lead, for each accessible material	< 100 ppm
12		8 Phthalates (DBP, DEHP, DIDP, DINP, DNOP, BBP, DnHP, DIBP), for each in each accessible material	< 100 ppm in headphones < 1000 ppm in speakers

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13	REACH (EC No.1907/2006) _SVHC	The Candidate List of substances of very high concern (SVHCs) for authorisation, each substance <i>in each homogenous material</i>	< 1000 ppm
14		Nonylphenol, Nonylphenol ethoxylates	Not detected (ND)
15		DMFa (N,N-dimethylformamide, CAS 68-12-2) in PU leather	< 500 ppm
15	REACH (EC No.1907/2006) Annex XVII, entry 20 Organotin compounds	Tri-substituted organostannic compounds (TBT, TPT), Dibutyltin (DBT) compounds and Dioctyltin (DOT) compounds.	< 1000 ppm
16	REACH (EC No.1907/2006) Annex XVII, entry 27 Nickel	<i>For parts with prolonged skin contact:</i> Nickel release	< 0,5 µg/cm ² /week
17	REACH (EC No.1907/2006) Annex XVII, entry 43	<i>For textiles and leather with prolonged skin contact:</i> Azocolourants and Azodyes as listed in Appendix 8 and 9 to REACH restriction list	< 30 ppm
18	REACH (EC No.1907/2006) Annex XVII Amendment No.552/2009, entry 50, and 1272/2013	Polycyclic Aromatic hydrocarbons (PAHs) as listed in REACH. Of any PAH:	< 1 ppm
19	REACH (EC No.1907/2006) Annex XVII, entry 68, Com Reg (EU) 2021/1297	Perfluorocarboxylic acids (C9-C14 PFCAs), their salts and C9-C14 PFCA-related substances	Not detected (ND)
20	(EU) 2019/1021 on persistent organic pollutants_SCCPs	Short chain chlorinated paraffins, SCCP(C10-C13) <i>In polymer (plastic, rubber) materials</i>	Not detected (ND)
21	Regulation of Persistent, Bioaccumulative, and Toxic Chemicals Under US EPA Toxic Substances Control Act (TSCA) Section 6(h)	• PIP 3:1 Phenol, isopropylated phosphate (3:1), CAS 68937-41-7 • DecaBDE Decabromodiphenyl ether, CAS 1163-19-5 • 2,4,6 TTBP 2,4,6-tris(tert-butyl) phenol, CAS 732-26-3 • HCBd Hexachlorobutadiene, CAS 87-68-3 • PCTP Pentachlorothiophenol, CAS 133-49-3	Not detected (ND)
22	CARB ATCM Phase II and U.S. EPA TSCA Title VI	Formaldehyde emissions of MDF Panels must comply with the emission limits set by CARB ATCM Phase II or U.S. EPA TSCA Title VI	< 0.11 ppm

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23	Halogen free	Except semiconductors. Investigate for battery. Test PCB, plastics and cables for F, Cl, Br and I: If flour detected; further tests or specifications may be requested. Sum of halogens (Cl + Br + F + I):	< 1500 ppm
24	Chromium free; Cr III and Cr VI	Alloys, surface treatment methods and anodising methods should not use chromium oxide or other chromated compounds. Metallic chromium as part of an alloy allowed.	Not detected (ND)
25	Perfluorooctane sulfonates (PFOS)	Perfluorooctane sulfonic acid and its derivatives (PFOS) C8F17SO2X, (X = OH, Metal salt (O-M+), halide, amide, and other derivatives including polymers), multiple CAS-numbers	Not detected (ND)
26	Perfluorooctanic acids (PFOA)	Perfluorooctanoic acid (PFOA, CAS 335-67-1, EC 206-397-9), including its salts, and any other substance having linear or branched perfluoroheptyl derivatives with the formula C7F15, multiple CAS-numbers	Not detected (ND)
27	Per- and polyfluorinated alkyl substances (PFAS)	Per- and polyfluorinated alkyl substances (PFAS) (specific PFCAs (C9-C20) and other fluorinated substances). Maximum: -25 ppb for any single PFAS -250 ppb for the sum of PFAS, or -50 ppm for PFAS including polymeric PFAS Except semiconductors. Investigate for battery.	Not detected (ND) or as specified in comments.
28	PVC	Polyvinylchloride	Not detected (ND)
29	Biocidal compounds and claims	Biocide-treated articles according to definition in European Biocidal Products Regulation (BPR, Regulation (EU) 528/2012), including biocidal claims "antimicrobial", "antibacterial", "anti-odor", etc. For packaging: Desiccant bags should use silica gel as far as possible. If midewcides are required, active ingredients must comply, be EU BPR authorized and declared. Dimethylfumarate (DMFu) (CAS nu 624-49-7) not allowed in sachets or packaging.	Not allowed
30	Nano coatings	Allowed if the coating contents are compliant with this RSL and only applied well-ventilated area with suitable PPE, including a respirator with a P3 particle filter, nitrile gloves, and protective clothing.	Allowed with conditions
31	Chemical products (as lubricant oils and surfactants)	On parts with prolonged skin contact: Substances which may be sensitizing or cause irritation.	Not allowed
32	EU regulation on batteries and waste batteries (2023/1542)	For batteries: Mercury, cadmium, lead + Label Check	Hg<0.0005%, Cd<0.002%, Pb< 0.01%

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33	EU Packaging and packaging waste regulation (2025/40)	For packaging materials: sum of concentration levels of lead, cadmium, mercury and hexavalent chromium	< 100 ppm
34	French Law on the Restriction for the Use of Mineral Oils in Packaging Material (Loi n ° 2020-1725)	For print ink on all packaging materials and product documents: Mineral oil aromatic hydrocarbon (MOAH, of 3 to 7 aromatic rings) and Mineral oil saturated hydrocarbon (MOSH)	< 0.1% MOAH, <0.1% MOSH

Document requirements

Supplier should be able to verify compliance with chemical test reports, issued by accredited laboratories. Chinese laboratories should be qualified according to China National Accreditation Service for Conformity Assessment (CNAS) to be accepted, which include

- SGS
- Intertek Testing Services (ITS)
- Bureau Veritas (BV)
- TUV
- CTI
- PONY
- UL
- QIMA
- Emtex
- Waltek (HCT)

Test reports should be maximum 3 years old, and for REACH SVHC tests maximum 6 month's old or issued after the latest update of the Reach candidate list. If the risk for substances at the latest list update is assessed as low, older reports may be accepted.

Material declaration, Compliance declaration or Safety data sheet may be accepted instead of test reports for low risk parts, which must be approved by Marshall Group compliance team.

Minimising environmental impact for all materials

Further, we encourage all business partners to take a proactive stance in improving the environmental impact of the materials they supply. Improving the environmental impact means to:

- ensure that materials and components supplied are non-toxic in use and disposal and using them in manufacturing products does not involve toxic releases or damaging ecosystems.
- strive to make materials which come from renewable and organic resources that are recyclable or biodegradable.
- manufacture product components and materials under the best possible environmental conditions and to use the best available technology.

Revision history

Version 2.0: Addition of entry 15 Organotin compounds.

Version 2.1: Addition of PVC as banned for all Brands. Addition of Document requirements.

Version 2.1: Addition of Halogen free.

Version 2.2 Addition of antimony, nickel, biocides and EU Packaging directive, and another two accepted labs.

Version 2.3: Addition of halogen free

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Version 2.4: Addition of PFCAs and accepted lab Emtek, removal of antimony

Version 2.5: Addition of Chromium free (22), Chemical products (27), French ban on print ink mineral oil (30) and clarification of Halogen free (21)

Version 2.6: Addition of Bio accumulative, and Toxic Chemicals Under US EPA Toxic Substances Control Act (TSCA) Section 6(h)

Version 2.7: Addition of Formaldehyde emission of MDF boards, DMFu of sachets and packaging, change of EU battery directive to EU battery regulation, addition of approved lab Waltek and removal of specific requirements for adidas headphones.

Version 2.8:

*Halogens & PFAS: Addition of semi-conductors as exempted and maximum concentration limits in line with EU ban proposal.

*Cr: Addition of "Metallic chromium as part of an alloy is allowed."

*Packaging: Update to new EU Packaging and packaging waste regulation (2025/40), however new substance restrictions are not defined yet, ie still follow old EU Packaging directive.

*Packaging: Mineral oil in print ink updated from maximum 1% to 0.1% of MOSH allowed.

Version 2.9:

*Amending requirement 29 on Biocidal products that mildewcides should be avoided in desiccant bags.

Version 2.10:

*Amending Nano coatings allowed under conditions.