



Amer Sports Material Compliance Policy

Managing chemicals and ethical principles in Amer Sports Supply Chain

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Version History / Summary of Changes

The Amer Sports Material Compliance Policy will evolve with changing regulations and scientific advances. Amer Sports will, but is not obliged to, communicate updates to Suppliers on an annual basis or ad-hoc in case of urgent changes in regulations. These could include chemical testing thresholds or additional program requirements. Please get in touch with your primary sourcing contact to ensure that you have the most recent version of this document.

Version	Major Change
First Version (2013)	<ul style="list-style-type: none"> Original document published under title “AS01 Amer Sports Worldwide Restricted Substance List for Control and Monitoring of Hazardous Substances”
Update (2019, Version 2.0)	<ul style="list-style-type: none"> AS01 replaced by “Amer Sports Materials Compliance Policy” Added testing procedures and section on animal welfare
Update (2021, Version 3.0)	<ul style="list-style-type: none"> Simplified RSL structure for product categories other than Apparel & Gear Added requirements regarding sandblasting and nano-technology to Ethical Sourcing Requirements for Apparel & Gear products Reworked penalty provisions for non-compliant materials Rephrased REACH certification
Update (2021, Version 4.0)	<ul style="list-style-type: none"> Added Transparency to Ethical Sourcing Requirements RSL renewed Testing guidance simplified
Update (2022, Version 5.0)	<ul style="list-style-type: none"> Added 3.7 Chemicals Management requirements Set MRSL adoption timeline in 2025 for Apparel and Footwear in Appendix B Added Ethical Policy Compliance Certificate RSL annually update (changes marked in red) in Appendix H, I, and J
Update (2023, Version 6.0)	<ul style="list-style-type: none"> Updated following sections <ul style="list-style-type: none"> 1.2 Definition 2.2 Liabilities and Responsibilities 3.5 Compulsory Procedure for Non-Compliant materials 3.6 Material Compliance Audits 4.2 Animal Welfare 4.3 Wood and Timber Added new section – 4.9 Conflict of Terms Added new section – 5 Certification Removed Ethical Policy Compliance Certificate to separate policy document Updated Material Compliance Contacts in Appendix D RSL annually update (changes marked in red) in Appendix G and H

<p>Update (2024, Version 7.0)</p>	<ul style="list-style-type: none"> • Updated following sections <ul style="list-style-type: none"> ▪ 1 Introduction, 3 Material Compliance Testing and Chemicals Management, and Appendix D Major Laws and Regulations for REACH SVHC requirement ▪ 4.2 Animal Welfare ▪ 4.3 Wood-based and Forest derived Materials ▪ 5 Certification • Added new section – 4.4 Polyvinylchloride (PVC) • Removed REACH certificate (Appendix B in previous version) • Updated Material Compliance Contacts in Appendix C • RSL annually update (changes marked in red) in Appendix F and G
<p>Update (2024, Version 7.01)</p>	<ul style="list-style-type: none"> • Update the section number of 4.10 Conflict of Terms

1 Introduction

Amer Sports implements its business strategy in an ethically, socially and environmentally responsible manner and ensures that its Products are innovative and safe. Amer Sports chooses Suppliers (as defined in Section 1.2) that are committed to fair and sustainable business.

Amer Sports has developed this Material Compliance Policy (MCP) to manage the chemicals and ethical principles in Amer Sports Supply Chain. The major contents are:

- Restricted Substance List (RSL)
- Manufacturing RSL (MRSL)
- Substances of Very High Concern (SVHC)
- Testing and Certification Requirements
- Ethical sourcing requirements in addition to Chemicals Management

The purpose of this document is to explain the standard requirements for materials as well as acceptable verification methods that Amer Sports imposes on its Suppliers.

As part of Amer Sports' responsible sourcing strategy, it is worth mentioning that

- Amer Sports has a Social & Labor Monitoring Program in place to ensure working conditions in the factories of Amer Sports Supply Chain meet Amer Sport's requirements (see Section 4.7)
- As a full member of Cascale (formerly known as the Sustainable Apparel Coalition (SAC)), Amer Sports started tracking the reduction of the environmental impact of Amer Sports Supply Chain factories using the Higg Facility and Environmental Module (FEM, see Section 4.8). The tracking has already started in the Softgoods area and is to be extended gradually to Hardgoods wherever possible. Additionally, brands like Arc'teryx, Peak Performance and Salomon also employ the Higg Brand and Retailer Module (BRM) to measure their environmental impact and the Higg Product Tools or similar tools to assess the environmental footprint of materials and products.

Amer Sports requires its Suppliers to study this document very carefully and implement management processes in compliance with these requirements.

All Amer Sports' Suppliers shall comply with the MCP.

1.1 Amer Sports Material Compliance in a Nutshell

According to MCP, Amer Sports requires its Suppliers to

1. Guarantee that each of and all of Deliverables supplied to Amer Sports, Amer Sports Clients or for Amer Sports business are in full compliance with laws and regulations regarding environment and product safety.
2. Comply with best practice and industry standards and not intentionally use substances contained in the list of restricted substances (RSL, see Appendix F and Appendix G) and the REACH SVHC in our Products.¹

¹ In the future, starting with apparel and footwear, we will also require compliance with ZDHC's or similar list of substances that are restricted in manufacturing processes (Manufacturing RSL (MRSL), see Appendix E).

3. Improve the environmental impact of supplied materials and components which means that:
 - a. Materials And Components supplied are non-toxic in use, their use to manufacture Amer Sports' products and disposal do not involve toxic releases damaging ecosystems.
 - b. Suppliers strive to choose materials and components with the least environmental impact wherever possible.
 - c. Suppliers manufacture Materials And Components under adequate and legally compliant environmental conditions.
4. When sourcing Materials And Components from animal products, Amer Sports does not accept any unnecessary pain, suffering or injury caused to these animals, whether they are wild or domesticated, i.e., farmed. Additionally, Amer Sports does not source any Materials and/or Components from any endangered or threatened species. Section 4.2 explains Amer Sports' requirements regarding animal welfare in detail.

On an annual basis, Amer Sports reviews and updates its MCP [including all its Appendices, in particular Restricted Substance List (RSL)] upon knowledge of applicable laws in different countries and on the expertise of chemical experts. The MCP always takes the strictest standards legislated globally.

Amer Sports has more-ambitious sustainability goals than what is legally required, and thus the Amer Sports (M)RSL contains also additional non-regulated substances which are:

- either prohibited in our Finished Goods or regulated / limited in their use or usages.
- expected to be regulated / limited in their use or usages in the (near) future.

Amer Sports' focus is on whether the Chemical Substance can be found in the materials, components, and/or Finished Goods at a certain level and/or in Product manufacturing. It is Supplier's responsibility to ensure compliance with regulations restricting the use of substances in production processes or in the factory.

Should you have any questions or concerns about this MCP, please do not hesitate to contact your Amer Sports contact person or Sustainability Team (see Appendix C for further details).

The MCP is valid for Amer Sports, Amer Sports Supply Chain, as well as all Amer Sports brands, Products and product categories. However, for Apparel Products, Amer Sports is a bluesign® system-partner and relies on the bluesign® system including the bluesign® RSL to assess the safety, environmental impacts, and regulatory status of textiles chemicals (see Appendix F for details). Hence, the restricted substances listed in Appendix G of this policy are applicable to all Products other than Apparel Products.

1.2 Definitions

We use the following terminology throughout this document:

Term	Definition
Amer Sports	Amer Sports Corporation, Siltasaarenkatu 8-10, FI-00530 Helsinki, Finland, a sporting goods company incorporated in Finland with internationally recognized brands including Salomon, Arc'teryx, Peak Performance, Atomic, Armada, and Wilson (" Amer Sports brands ") and all its parents, subsidiaries and affiliated companies
Amer Sports Clients	Amer Sports' licensees, agents, distributors or other entities to which Amer Sports Products sold and/or delivered
Amer Sports Supply Chain	All vendors, suppliers (including upstream suppliers), production sites, factories, contractors and subcontractors of Amer Sports and all entities in Amer Sports' supply chain
Apparel	All kinds of garments incl. headwear and accessories (see appendix for further details)
Article	Object which is given a special shape, surface or design during production and which determines its function to a greater degree than does its chemical composition. It may be produced from natural or synthetic Raw Materials using individual substances or mixtures
AS01 Policy	Previous name of the Amer Sports Material Compliance Policy
Authorized Testing Institute / Laboratory	Testing laboratory complying with Amer Sports requirements as defined in Section Testing Institutes
Category	Organizational consolidation of multiple brands selling similar Products (also referred to as " Product Category "). Examples: Apparel, Footwear, Winter Sports Equipment, Ball Sports
CAS Number	Unique numerical identifiers assigned by the Chemical Abstracts Service to every chemical described in the open scientific literature (currently including those described from 1957 until the present day) and including elements, isotopes, organic and inorganic compounds, ions, organometallics, metals and other individual chemical components
Chemical Substance	A chemical element and its compounds with constant composition and properties. It is defined by the CAS number
Complex Object	A complex object refers to any object made up of more than one Article. In Complex Objects, several Articles can be joined or assembled together in various manners.
Component	Article used to produce Complex Objects
Deliverables	Deliverables of Materials, Components, parts, Fabrics, Trims, Semi-Finished Goods, Finished Goods, services, prototypes and/or samples (as the case may be)
Detection Limit	Lowest quantity of a substance that can be distinguished from the absence of that substance following a prescribed analytical method
Fabric	Article used to produce Complex Objects
Finished Goods	Complex Object that is intended for sale or distribution through Amer Sports and Amer Sports Clients to end customers or consumers of Amer Sports and Amer Sports brands
Hardgoods	Sports equipment such as skis, snowboards, wheels, rackets, golf clubs, etc
Indemnified Party	The respective officer(s), director(s), employee(s), shareholder(s), successor(s), customer(s) and assign(s) of any of Amer Sports and Amer Sports' Clients

Limit	Maximum concentration of a substance in a Material/Component or a homogeneous part of a product expressed in mg/kg unless stated otherwise. The maximum amount of chemical substances permitted in Articles.
MCP	Amer Sports Material Compliance Policy defines the chemicals and ethical sourcing of materials used in our Products and the chemical impacts in product manufacturing
MRSL	Manufacturing Restricted Substance List defines concentration limits for substances in chemical formulation used within manufacturing facilities.
Material	Article used to produce Complex Objects.
Materials And Components	Refers to all Complex Objects and Articles used to make our Products including Fabrics, Trims, Modules, etc
Module	Very complex object made of (or assembled from) Complex Objects and Articles
Positive List	A list of full chemical formulations that comply to a standard
Product	Synonym for a Finished Goods
Raw Material	Substance or mixture used to make Articles
RSL	Restricted Substance List. It defines <ul style="list-style-type: none"> • restricted and banned substances • concentration limits for restricted substances in Materials, Components, Materials And Components, Semi-Finished Goods or Finished Goods to comply with laws and regulations and/or to drive sustainability
Semi-Finished Goods	Complex Object that is to be used to make Finished Goods and usually not intended for sale / distribution. Exceptionally, some semi-finished goods can be sold as spare parts (e.g. buckles, laces, tennis strings, and batteries).
Several	In the RSL document, several means that the whole substance group is restricted even though not all restricted substances are listed explicitly. The listed examples represent only those substances, which should be considered if substance group is intended for testing
Softgoods	Apparel products, footwear products, accessories such as bags, caps, beanies, etc. and soft parts of hard goods (examples of soft parts of Hardgoods: grip of a golf club, soft parts of ski boot)
Supplier	Any business entities engaged by Amer Sports for the purpose of providing goods or services to Amer Sports, include but not limited to finished goods manufacturing facilities, contractors, subcontractors, licensees, agents and any party running facilities producing components and/or materials for Amer Sports Products in whole or partially. It includes also facilities involved in the distribution and storage of Amer Sports Products. Amer Sports distinguishes its Suppliers along the supply chain as follows: <ul style="list-style-type: none"> • T1 suppliers: manufacture Finished Goods through Amer Sports • T2 suppliers: produce Materials, Components, Fabrics, Trims, etc
Supplier's Supply Chain Synonym: Supply Chain of Supplier	Supplier's respective subsidiaries, affiliates, production sites, contractors, subcontractors, upstream suppliers and all entities in its supply chain
SVHC	Substances of Very High Concern (SVHC) which are defined in Article 57 of the Regulation (EC) No 1907/2006 (REACH) and include certain substances that may have serious and often irreversible effects on human health and the environment. REACH aims at ensuring that the risks resulting from the use of SVHCs are controlled and that the substances be replaced where possible. Amer Sports requires its suppliers to adhere to communication guidelines of Article 33 of the REACH Regulation.

Test methods	Best industry practice test methods or test methods as defined by regulations. Test methods are subject to permanent change and shall always be checked with Amer Sports.
Traces	Technical impurities of a substance subject to a Usage Ban which cannot be avoided technically. Depending on the type of substance and its related manufacturing processes, trace limits may be different in chemical industry and downstream user industry but shall always ensure safety for consumers and environment based on available scientific data.
Trim	Article used to produce Complex Objects
Usage ban	Prohibition of the intentional use of a substance during any stage of production of a Product. Chemical products (e.g. colorants or textile auxiliaries) used for manufacturing Articles must not intentionally contain these substances or substance groups. Aim: avoid release of harmful substances to the environment and to occurrence in the manufactured product by applying the precautionary principle

In this document, where the context so admits, words importing the singular number include the plural and vice versa and words importing gender include the masculine, feminine and neuter genders.

1.3 Notes

As chemical names may vary, it is the Supplier's responsibility to always verify synonyms of any chemical as referenced in the RSL. Amer Sports RSL is based on known and applicable standards at the time of publication, any inaccuracy or omission is not the responsibility of Amer Sports.

MCP requirements reflect national laws and regulations of countries where Amer Sports sell Products (see Appendix D for the most common laws and regulations). Another purpose of the MCP is to drive sustainability. All Amer Sports Suppliers shall be fully compliant with the MCP.

Detection Limit as indicated in the RSL may vary depending on the current state of the art of analytical methods.

Indication of the relevance of a substance for Hardgoods, Softgoods and materials/components are disclosed to Suppliers for information purpose only and based on limited knowledge of Amer Sports on suppliers' manufacturing process. It is the Supplier's responsibility to always check the relevance of a substance for the Deliverables he is delivering to Amer Sports.

This MCP document applies to all Suppliers of Amer Sports (including all Amer Sports brands) and Amer Sports Supply Chain without any exceptions.

2 General / Liabilities and Responsibilities

2.1 General

The MCP herein completely supersedes and replaces all current existing policies for control and monitoring of hazardous substances that were valid previously. All production for Amer Sports and Amer Sports Supply Chain must comply with these requirements. This also applies to all Deliverables and items that are intended to be sold or distributed as free-of-charge.

The compliance with the MCP is an essential and material condition to every purchase order of Amer Sports placed to Supplier. Supplier shall keep available, for at least ten years from the delivery of every Amer Sports purchase order, all information regarding substances used for the manufacture of any Deliverables under Amer Sports' purchase orders.

2.2 Liabilities and Responsibilities

Suppliers have to acknowledge receipt and agree to comply with MCP (including its updates which shall be effective on date of publishing on Amer Sports Group's official website <https://www.amersports.com/sustainability/ethics-and-compliance/products-and-materials> without further notice).

Consequences of Breach:

In case of any non-performance, non-compliance and/or breach of the MCP, or any Deliverables of the Supplier are prevented by any national and/or international laws and regulations from import and/or export, or detained, seized and/or blocked by any national and/or international authorities or organizations with respect to human rights violation and abuses, product safety issues or breach of environment laws and regulations, Supplier acknowledge and agree that Amer Sports reserves the following rights:

1. to conduct business review which may result to termination of agreement or business relations with Amer Sports, or removal of any production site or entity in Supply Chain of Supplier from Amer Sports approved/nominated supplier list;
2. to immediate terminate agreement or business relations with Amer Sports, or remove any production site or entity in Supply Chain of Supplier from Amer Sports' approved/nominated supplier list if such non-performance, non-compliance and/or breach is critical, repeated or habitual, or incapable of remedy; and
3. to cancel any or all such orders of Deliverables without penalty and to seek immediate refund.

Supplier shall remain liable for all loss and/or damages caused by its non-performance, non-compliance and/or breach of the MCP and shall be jointly and severally liable for any loss and/or damages caused by the non-performance, breach, or non-compliance of any production site or entity of Supplier's Supply Chain. In addition, Supplier agree to indemnify, defend, and hold harmless each of Amer Sports and Amer Sports' Clients and their respective Indemnified Parties from and against all claims, suits, demands, sanctions, seizure and actions brought against the Indemnified Parties and for all damages, losses, costs, penalties, fees, tariffs and liabilities including reasonable attorney and professional fees any Indemnified Party may suffer with respect to Supplier's and Supplier's Supply

Chain's non-performance, non-compliance and/or breach of any commitment, warranty, representation, certification or terms and/or conditions herein.

In case that Amer Sports and Amer Sports' Clients are prevented by any national or international laws, regulations or restrictions from import any Deliverables supplied by Supplier to the country of destination, Supplier agree that Amer Sports and Amer Sports Clients shall not be obligated to pay for those Deliverables and shall be refunded.

Whether exercising the aforesaid rights is at sole and full discretion of Amer Sports.

At the request of Amer Sports, Supplier shall promptly provide samples of any pre-produced, un-/Semi-finished or Finished Goods. Supplier shall also allow or, as the case may be, procure permission for an authorized representative of Amer Sports to inspect, any premises of supplier or any subcontractor where any Deliverables (or packaging for them) are developed, manufactured or stored at any time during normal business hours and on reasonable notice. The authorized representative of Amer Sports may take samples of the products or materials during such inspections.

Materials and Components Suppliers shall ensure that the materials and/or components shipped or delivered to Finished Goods Suppliers, any entities of Amer Sports and Amer Sports Clients comply with Amer Sports MCP requirements.

Materials and Components Suppliers shall also ensure that the materials and components are

- compliant with applicable rules, regulations and standards
- tested according to Amer Sports testing requirements (see Section 3).

In this connection, Supplier shall procure each entity, supplier or manufacturing facility of Supplier's Supply Chain (including but not limited to its materials and components suppliers) to accept, acknowledge receipt and agree to comply with MCP (including its updates).

Supplier shall also be and should always be ready to present applicable certificate / test reports of the materials and components whenever Amer Sports asks or requests for them. If certificates / test reports are not available upon request, Amer Sports may enforce its rights as specified in Section 2.2 and Section 3.5.

Without prejudice to other responsibilities of Supplier specified herein, Supplier shall be held liable for all loss and damage suffered by Amer Sports and Amer Sports Clients due to non-compliant substances found in any of the Deliverables supplied during times for which a certificate exists.

Supplier shall maintain a current knowledge of regulatory changes to make sure Amer Sports' Products comply with all applicable international legal requirements. Should Supplier become aware of any new laws or regulations applicable to the products they manufacture, they shall proactively inform Amer Sports to enable updates of Amer Sports RSL.

Supplier shall represent and warrant that each of its Deliverables (whether Finished Goods, Semi-Finished Goods, materials or components, including respective packaging) complies with all provisions of the MCP/RSL herein.

2.3 Validity Periods

Unless specifically mentioned, this MCP including RSL/MRSL are effective for all development, design and production and for each of and all of Deliverables delivered to Amer Sports, Amer Sports Clients or for Amer Sports business as of 01-Oct-2024. The policy is valid until being updated or modified by its latest version.

In this connection, Amer Sports updates MCP and RSL/MRSL periodically and accordingly, reserves the right to update or modify MCP, RSL/MRSL, and/or Product Category specific RSL/MRSL contents at any time by publishing on <https://www.amersports.com/sustainability/ethics-and-compliance/products-and-materials/> for the latest update without further notification. Such latest update shall be effective and binding on the Supplier on its date of publishing. It is the Supplier's responsibility to check the latest update MCP from time to time.

3 Material Compliance Testing and Chemicals Management

All Suppliers providing Products to Amer Sports (including Amer Sports brands) and Amer Sports Clients or for Amer Sports business are required to:

- Comply with the Usage Bans and Detection Limits specified in the RSL;
- Comply with the communication obligation in EU REACH related to SVHC;
- Provide test results from a third-party accredited test laboratory or agency, or evidence of compliance upon request at their own expense; and
- Notify Amer Sports of any non-compliant materials.
- Maintain an adequate chemicals management system to control the quality, safety, and use of chemicals.

3.1 General Procedure

Amer Sports will communicate the testing requirements for each Category of Products to Suppliers. The tests specified in these testing requirements are mandatory.

The requirements in Appendix F and Appendix G provide limits for restricted substances and guidance on material and components testing for Softgoods, Hardgoods. Appendix H lists examples of products and materials for all Amer Sports Product Categories. These tables are not intended to replace Amer Sports specific requirements notably regarding CPSIA compliance with respect to lead in paint and lead in products or any other Amer Sports specific testing requirements. Their intent is to assist Suppliers in their testing and chemical compliance programs but they shall not release suppliers from their duty to supply Amer Sports products “free from hazardous substances”.

Suppliers shall be fully responsible for obtaining all necessary knowledge and implementing internal management in order to ensure RSL compliance.

All costs associated with testing of materials and components are the responsibility of Suppliers, unless otherwise stated in written by Amer Sports.

3.2 Testing Procedures

Amer Sports runs its operations by Product Categories. Two of these categories, Apparel and Footwear have created respective testing procedures.

3.2.1 General

CPSIA² is valid for all products sold in the United States of America. Any product-specific testing requirement does not affect the validity of this regulation.

² US Consumer Product Safety Improvement Act, see

<https://www.cpsc.gov/Regulations-Laws--Standards/Statutes/The-Consumer-Product-Safety-Improvement-Act>

3.2.2 Apparel

For T2 suppliers that provide materials and components to T1 suppliers to manufacture apparel and gear products, Amer Sports has compiled the testing procedures and requirements in respective manuals.

These manuals generally separate between testing requirements during the individual stages of the product lifecycle: development, salesmen/ sales-rep samples and bulk production. The documents can be obtained from your Amer Sports material compliance managers (see Appendix C).

3.2.3 Footwear

Footwear requires T2 suppliers to provide a valid test certificate for the first shipment to T1 suppliers. These test certificates are valid for 13 months since generally, Amer Sports renews its RSL for footwear products on an annual basis. Additionally, the Amer Sports Footwear category reserves the right to conduct random material compliance tests for materials and components or Finished Goods at any time.

The detailed instructions on footwear testing procedures can be obtained from the material compliance contact for footwear (see Appendix C).

3.3 Test Reports

Any analysis carried out by an authorized testing laboratory shall be covered by a report which accurately, clearly and unambiguously presents the test results and other relevant information.

All test reports should include material information as follows:

- Name and address of testing institute(s) involved in the analysis, current accreditation number of the laboratory and identification of the national organism which has accredited the laboratory according to ISO Standard ISO/IEC 17025.
- Unique identification system of the report (such as serial number) which shall be marked on each page of the report
- Supplier name, address & contact person
- Material / product name & code
- Material / product color (name & code)
- Material composition
- Date of receipt of the product and date of performance of test
- Hazardous substances, for which the material/product has been tested for, detection or reporting limit and corresponding test results
- Test methods used for testing and respective pre-treatment: reference to international standards (ISO / JIS / IEC / CPSC / DIN / ...), used procedure (including digestion methods and test instruments if any)
- Results shall be expressed in SI units according to ISO 1000 standard (ICS 01 060) as milligrams / kilogram (“mg/kg”) in samples tested and according to reference standard method.
- Results shall also include results from all quality assurance and quality control (QA/QC) tests, including results from blank test, and a list of reference materials used and their origin. Any details not specified in the reference standard which are optional, and any other factors

potentially affecting the results shall also be communicated in the test reports. Any deviation, by agreement or otherwise, from the test procedure shall be specified.

Any corrections or additions to a test report after its issue shall be made only in a further document suitably marked, e.g. "Amendment/Addendum to test report serial number (or as otherwise identified)", and shall meet the relevant requirements of the preceding paragraphs.

3.4 Testing Institutes

Testing Institutes / Accredited Third Party Assessment Body/third party laboratory must conduct testing according to specified testing procedures.

All testing institutes must:

1. Be accredited to ISO Standard ISO/IEC 17025 entitled "General Requirements for the Competence of Testing and Calibration Laboratories" by national bodies recognized by ILAC (International Laboratory Accreditation Cooperation) or IAF (International Accreditation Forum);
2. Work according to internationally accepted quality control standards include gage calibration and therefore use appropriate validation procedures;
3. Apply for acceptance and registration with the U.S. Consumer Products Safety Commission ("CPSC") by submitting a true copy of the accreditation and scope documents demonstrating compliance;
4. Comply with US Consumer Product Safety Improvement Act requirements in order to be considered an Accredited Third Party Assessment Body as detailed in Section 7.7 of the CPSIA guidelines.

Any other testing institutes which have been officially accredited and certified in accordance with ISO/IEC 17025 also can be used for testing. In this case, certificates of the testing institute should be sent to the Amer Sports Testing or Quality Manager or material compliance contacts (see Appendix C).

The list of Authorized Testing Institutes/Laboratory accepted by Amer Sports can be obtained from Amer Sports Category specific material compliance contacts.

3.4.1 Conflicting results between testing institutes

If there are conflicts due to different results from institutes, even though the Supplier declared the materials at issue were from the same source, Amer Sports will take a further sample for testing it in a neutral testing institute for further decision.

The test then should also provide information about the reason for the contamination, the Raw Material or facts during the production.

3.4.2 Exceptional exemption from using external testing institutes

Material and Component Suppliers who want to be exempted from delivering test reports issued by external testing institutes but from their own in-house testing lab need to meet the following conditions:

- Suppliers have to be certified in accordance with quality management standards ISO 9001.
- Suppliers have to operate their own material testing laboratory.

- Testing lab has to be certified in accordance with ISO/IEC 17025.

Official certificates confirming the compliance with these conditions shall be sent to the responsible Amer Sports material manager and the Finished Goods factory / T1 supplier. In case of compliance, test reports issued by the Supplier / Supplier lab shall be sent to the Finished Goods factory / T1 supplier once a year and to be accepted by them, copy to the in-charged Amer Sports Office if requested.

3.5 Compulsory Procedure for Non-Compliant materials

If any material is found to be non-compliant with the RSL, Amer Sports generally requires putting the respective materials under quarantine and requires Suppliers to produce replacements at Suppliers' expenses. The general procedure is as follows:

1. **STOP PRODUCTION**
2. **QUARANTINE** – non-compliant materials will be quarantined
3. **COMPLIANT ALTERNATIVE** – a compliant alternative will be found
4. **REPLACEMENT** – a replacement product (or material or component) will be produced (at Suppliers' expense). Field replacement may also include labor and shipping charges.

Suppliers shall inform their Amer Sports material compliance contacts (see Appendix C) in due course about non-compliances. Material compliance contacts will analyze which products and which Suppliers are affected and how to further use, destroy or dispose non-compliant materials. Further details can be found in the testing procedures by category (see Section 3.6).

Continued missing or failure reports from the Supplier will be considered as non-performance, non-compliance and/or breach of the MCP, which will lead to consequence as specified in Section 2.2.

3.6 Material Compliance Audits

To facilitate Amer Sports to monitor, oversee and ensure compliance effectiveness and efficacy, in general, Amer Sports reserves the right but is not obliged, to test any ordered Finished Goods, Semi-Finished Goods, materials or components at any time and/or any stage of production. In this connection, Supplier agree that any of Amer Sports and its appointed auditor or representative are permitted to enter any premises of any entity of Supplier and Supplier's Supply Chain to take samples of the products or materials during normal business hours and on reasonable notice.

Amer Sports will audit Suppliers to ensure compliance with the RSL. Any Supplier who fails to provide evidence of compliance may be subject to the compulsory procedure as prescribed in Section 3.5. Depending on the structure of manufacturing process, specific material compliance audit procedures are defined for each Product Category.

Amer Sports reserves the right to perform random tests by itself or by its authorized representatives at any time. Quantities/frequency of random tests on materials and products is up to the decision of Amer Sports.

3.7 Chemicals Management

An effective chemical management system (CMS) can protect workers, consumers, and environment from harm. Amer Sports requires Supplier facilities to employ a CMS. Suppliers are responsible for

maintaining adequate CMS to control the quality, safety, and use of any chemicals to manufacture Amer Sports products wholly or in part.

Suppliers shall maintain a Chemical Inventory List (CIL) and ensure that Safety Data Sheet (SDS) files are available and up to date for all chemicals used in their facilities. Suppliers shall provide corresponding trainings to all responsible staff before handling the chemicals to protect workers and environment from chemical exposure.

Suppliers shall have a documented purchasing policy with goals to meet MRSL conformant procurement. Amer Sports prefers to purchase chemicals from Suppliers who can show responsible care practices, have developed positive lists, or have products listed on the bluesign® bluefinder, the ZDHC Chemical Gateway, or similar lists from associations or certification bodies.

4 Ethical Sourcing Requirements in addition to Chemicals Management

Amer Sports is committed to ethical sourcing practices. In addition to Chemical Management, Amer Sports imposes requirements regarding the source of materials and the conditions under which materials are produced or extracted.

4.1 Conflict Minerals

Conflict minerals are natural resources extracted in conflict zones to finance (military) disputes. The most commonly mined conflict minerals are

- Tin
- Tungsten
- Tantalum
- Gold
- Cobalt

Amer Sports does not ban these materials in general. However, Amer Sports requires Suppliers to conduct due diligence for materials extracted in Western Congo and other possible conflict-affected and high-risk areas to assure origin from smelters and refiners that are certified through e.g. the Responsible Minerals Assurance Process.

Since conflict minerals refer to a combination of a substance and its source (factory, smelter, or refiner), our RSL does not contain conflict minerals as such. Instead, our RSL lists prohibited substances irrespective of their origin of manufacturing / extraction.

4.2 Animal Welfare

Amer Sports requires that its animal-based materials are obtained in a humane and responsible way. Suppliers shall respect the five animal freedoms³, ensure animal welfare, and strive for traceability and responsibly sourced materials. These sourcing practices are prerequisites for obtaining certificates according to the Responsible Down / Wool Standards, and the Leather Working Group.

In its Products Amer Sports will accept only:

- Leather or leather parts that originate solely from animals which have been used for meat production; and
- Wool or wool parts that originate solely from sheep which have not been subject to mulesing
- Down and feather that has been plucked from birds that are already dead, bred and slaughtered primarily for meat production.

Amer Sports' Suppliers shall **not** use plants or animal materials derived from animals, wild-caught animals and wild animals reared in farming environments, particularly those species identified by the

- Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES⁴)

³ (1) freedom from hunger and thirst; (2) freedom from discomfort; (3) freedom from pain, injury or disease; (4) freedom to express normal behavior; (5) freedom from fear and distress.

⁴ See <http://www.cites.org/eng/disc/species.php>

- International Union for Conservation of Nature (IUCN⁵)

Amer Sports requires that animal-based materials shall **not** be sourced from the Amazon biome, and **no** animal fur shall be used.

Table 1 outlines the minimum requirements for down, wool, and leather across all Amer Sports Product Categories / Amer Sports brands and the certificates that have to be provided prior bulk production.

Table 1: Animal Welfare Material Requirements

	Amer Sports Minimum Requirements
Down	<ul style="list-style-type: none"> • No live-plucking • No force-feeding
Wool	<ul style="list-style-type: none"> • Originates from sheep not subject to mulesing
Leather	<ul style="list-style-type: none"> • Leather originates solely from animals used for meat production

For down, wool and leather, Amer Sports Apparel and Footwear Suppliers must provide the certificates specified in **Table 2**. Amer Sports encourages Suppliers of all other brands to follow these standards too.

Table 2: Required Certificates for Down, Wool and Leather

Standard	Certification Requirements
Responsible Down Standard (RDS)	Applicable to Arc'teryx, Peak Performance, Salomon, and Armada Apparel products
Responsible Wool Standard (RWS)	Applicable to Arc'teryx and Peak Performance Apparel products
Leather Working Group (LWG)	Applicable to Arc'teryx Apparel products Applicable to Salomon and Arc'teryx Footwear

All above-mentioned ethical principles also apply to mohair wool sourced from Angora sheep. Amer Sports will require Suppliers to adhere to Textile Exchange's Responsible Mohair Standard (RMS) and accepts comparable standards. Additionally, Amer Sports prohibits the use of exotic leather.

⁵ See <http://www.iucnredlist.org/>

4.3 Wood-based and Forest derived Materials

As far as sourcing of Wood-based and Forest derived Material is concerned, Amer Sports is committed to ensure and collaborate with Suppliers to use forest materials from well-managed forests that protect natural resources and biodiversity by adhering to the following principles:

- Prioritizing the use of recycled and next generation feedstocks where appropriate, using responsible virgin materials as a secondary option.
- Prioritizing the use of certified sustainable sources (like FSC, PEFC).
- Ensuring fiber is not sourced from illegal logging.
- Eliminating material (wood, timber, rubber, pulp, pulp fiber, etc) sourcing from ancient and endangered forests, endangered species habitats and other controversial sources.

Amer Sports is committed to compliance with the U.S. Lacey Act that has two major components:

- A ban on trading plants or plant products taken in violation of the laws or regulations of the country from which they are sourced.
- A requirement to declare the scientific name, value, quantity, and country of harvest origin for some products.

For further details, see original publication⁶ from the United States Department of Agriculture.

Particleboard and plywood Suppliers are required to be compliant with CARB and TSCA Title VI.

Additionally, Amer Sports continues to track evolving regulations and guidance, including country of origin risk guidance from sources such as the European Union Regulation on Deforestation-free Products (EUDR).

Suppliers are expected to verify that all materials are compliant with above mentioned Wood-based and Forest derived material requirements, standards, regulations and provide evidence when required.

4.4 Polyvinylchloride (PVC)

Since Amer Sports is aware of the negative environmental impacts and concerns from Polyvinyl chloride (PVC), we commit to eliminate PVC from Amer Sports brands' products and packaging and to investigate safer alternatives to PVC in favor of more sustainable and low-impact plastics.

4.5 Sandblasting

Amer Sports does not accept sandblasting as a production method for Apparel Products to protect health and safety of workers across the apparel industry.

4.6 Nanotechnology

According to International Organization for Standardization's definition that has been adopted by the EU through the Commission Recommendation of 18 October 2011 on the definition of nanomaterial (2011/696/EU), a nanomaterial is defined as a "material with any external dimensions in the nanoscale

⁶ See <https://forestlegality.org/policy/us-lacey-act>

or having internal structure or surface structure in the nanoscale. The term nanoscale is defined as size range from approximately 1 nm to 100 nm^{7,8}.

Due to the uncertainty of risk associated with using nanomaterials and to ensure that any potentially negative impacts to consumers and the environment related with the use of nanomaterials are minimized or ideally totally mitigated, Amer Sports currently requires the application of nanomaterials within all its Apparel Products to be evaluated and approved prior use. This requirement applies to final Products and/or materials or components where nanomaterials are intentionally applied to or remains as residuals after manufacturing.

Prior to the use of nanomaterials in a specific Amer Sports Products or any of its components/materials, the following criteria must be met

- Comply with legislations
- Disclose the reason for using nanomaterials
- Disclose detailed technical information on nanomaterials intended to be used by filling out the questionnaire listed in Appendix B

Based on the information provided, Amer Sports will conduct a risk and toxicity review prior approval. If Suppliers do not provide the required information the specific case will be considered as high risk and hence not be approved.

4.7 Fair and Safe Supply Chain

Amer Sports is dedicated to continuously improving its performance regarding labor, workplace conditions and environmental issues in Amer Sports Supply Chain. The company aims to engage in business only with companies that meet its standards for ethical operations, and comply with the applicable laws and regulations for labor, workplace conditions and environmental compliance, as defined in the Amer Sports' Ethical Policy – Supply Chain Code of Conduct⁹.

Amer Sports requires Suppliers to be committed to its Ethical Policy which is reviewed and updated through various collaborations with major stakeholders (e.g. Non-Governmental Organizations). As part of the Social and Labor Program, Amer Sports conducts third-party audits to help sourcing partners comply with industry standards, regulations, and Amer Sports' standard requirements with regards to human rights, health and safety, as well as its environmental sustainability. Suppliers shall work with Amer Sports to remediate any non-compliances in a timely and preventive manner.

Amer Sports employs audit results to drive continuous improvement and to derive strategic vendor development plans. For further details and the latest versions of the above-mentioned policies can be found on the Amer Sports extranet¹⁰.

⁷ See <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32011H0696>

⁸ As one nanometer is one-billionth of a meter, nanomaterials are 10 times smaller than the diameter of a human hair.

⁹ See <https://www.amersports.com/sustainability/ethics-and-compliance/> for the latest version of the Ethical Policy - Supply Chain Code of Conduct

¹⁰ See <https://www.amersports.com/sustainability/social/>

4.8 Environmental Management

Amer Sports aims to continuously reduce its environmental footprint and mitigate negative environmental impacts to the ecosystem, requires all facilities involved wholly or in part in the manufacture and distribution of Amer Sports brands' products be in compliance with national environmental laws and regulations.

To guide its Group-wide actions, Amer Sports has created environmental guidelines and policy to outline the commitment to reduce the environmental impacts of its operations through the use of methods that are both responsible and economically sound. In addition, Amer Sports brands are responsible for their environmental actions, based on the common environmental guidelines.

Amer Sports is a member of Cascale and uses the Higg Index to measure progress on environmental impact within Amer Sports Supply Chain. Amer Sports employs the Higg Facility Environmental Module (FEM) as an assessment tool to measure Suppliers' environmental impacts and identify areas for improvement. The goal is to fully integrate these worldwide-recognized tools into the everyday business of the brands but also to extend these tools to

- social and labor aspects and material sustainability
- other product categories than those ones originally in scope of Cascale membership.

See Amer Sports extranet for further details¹¹. Amer Sports already applies Higg FEM for Softgoods and extends the approach gradually to Hardgoods where possible.

4.9 Transparency

As Amer Sports is committed to improve working conditions and mitigate environmental impact in its entire Amer Sports Supply Chain, upon request, Amer Sports Suppliers shall disclose the factories, upstream suppliers and all facilities and entities of Supplier's Supply Chain which contribute to the manufacturing of Amer Sports Finished Goods, Semi-Finished Goods, materials and/or components.

Amer Sports will use this information to drive continuous improvement and transparency in Amer Sports Supply Chain. Amer Sports will disclose the information to applicable regulators and governmental bodies whenever required. Amer Sports shall not disclose this information publicly without prior approval of its Suppliers.

4.10 Conflict of Terms

In the event of a conflict between the terms of this MCP and the terms of any agreement signed between Supplier with any entity of Amer Sports, the terms and conditions of this MCP shall prevail.

¹¹ See <https://www.amersports.com/sustainability/environment/>

5 Certification

5.1 MCP

Amer Sports requires all Suppliers to certify their compliance to the MCP by executing MCP certificate [Appendix A] by sending / uploading it to its respective Amer Sports office/ platform.

5.2 Nanomaterial Questionnaire (if applicable)

Suppliers of products that may contain nanomaterials shall provide risk assessment of nanomaterial questionnaire [Appendix B]. See Section 4.6 for the definition of nanomaterials.

Appendix A. Amer Sports Material Compliance Certificate
[signature page]

We hereby acknowledge receipt of the Amer Sports Materials Compliance Policy (the “MCP”) for the control and monitoring of hazardous substances and all contents of the MCP are acknowledged, accepted, confirmed, and agreed. We also acknowledge and agree that the latest updates of the MCP shall be effective and binding on us from its date of publishing on Amer Sports official website¹². It is our responsibility to check the latest update MCP from time to time.

As far as our products are concerned, we certify that the products or any Deliverables shipped or delivered to Amer Sports or any of its subsidiaries, affiliates, licensees, agents and distributors and/or Amer Sports Suppliers or any entities of Amer Sports Supply Chain are free of those "hazardous substances" listed in the MCP, and which may be amended by Amer Sports from time to time.

The undersigned warrants and represents that he/she is an owner, director, officer or otherwise authorized signatory to agree to, certify and sign this certificate on behalf of the company below.

Acknowledged, certified, and agreed by:

Company: _____ Company Stamp: _____
Address: _____

Country: _____
Position: _____
Name: _____

Signature: _____ Date: _____

To be sent to the appropriate Amer Sports contact person as specified in Appendix C and to the Vendor Sustainability Team.

¹² See <https://www.amersports.com/sustainability/ethics-and-compliance/products-and-materials/> for the latest version of MCP



Appendix B. Risk Assessment of Nanomaterials

Suppliers of products that may contain nanomaterials shall provide this questionnaire. See Section 4.6 for the definition of nanomaterials.

Introduction

Please provide as detailed answers as possible using all of your available information for each endpoint section below. Please write your answers per endpoint on a separate document which you enclose.

If there is no information available, please indicate with (X) below.

If the endpoint is irrelevant, please indicate with (X) below and provide a written explanation in the “comments” column regarding why this particular endpoint is irrelevant.

Characteristics of Nano-Sized Materials

Nanomaterial Information / Identification	No data available	Irrelevant	Comments
Nanomaterial name			
CAS Number			
Structural formula/molecular structure			
Composition of Nano material (including degree of purity, known impurities or additives)			
Basic morphology			
Description of surface chemistry (e.g. coating, modification...)			
Major commercial uses			
Known catalytic activity			
Method of production (e.g. precipitation, gas phase...)			
Other relevant identification data			

Nanomaterial Information / Identification	No data available	Irrelevant	Comments
Agglomeration/ aggregation			
Water solubility/ Dispersibility			
Crystalline phase			
Dustiness			
Crystallite size			
Representative Electron Microscopy (TEM) picture(s) (if available, please enclose).			
Particle size distribution – dry and in relevant media			
Specific surface area			
Surface chemistry (where appropriate)			
Photo catalytic activity			
Pour density			
Porosity			
Octanol-water partition coefficient, where relevant			
Redox potential			
Radical formation potential			
Other relevant Physical-Chemical Properties and Material Characterization information (please specify if available).			

Environmental Fate	No data available	Irrelevant	Comments
Agglomeration/ aggregation			
Dispersion stability in water			
Biotic degradability			
Ready biodegradability			
Inherent biodegradability			
Simulation testing on ultimate degradation in surface water			
Soil simulation testing			
Sediment simulation testing			
Sewage treatment simulation testing			
Identification of degradation product(s)			
Abiotic Degradability and Fate			
Adsorption- desorption			
Adsorption to soil or sediment			
Bioaccumulation potential			
Other relevant environmental fate information (please specify if available)			

Environmental Toxicology	No data available	Irrelevant	Comments
Effects on pelagic specie (short term/long term)			
Effects on sediment species (short term/long term)			
Effects on soil species (short term/long term)			
Effects on terrestrial species			
Effects on microorganisms			
Effects on activated sludge at WWTP			
Other relevant information (please specify if available)			

Mammalian Toxicology	No data available	Irrelevant	Comments
Pharmacokinetics/ Toxicokinetics (ADME)			
Acute toxicity			
Repeated dose toxicity			
Chronic toxicity			
Reproductive toxicity			
Developmental toxicity			
Genetic toxicity			
Experience with human exposure			
Other relevant test data (please specify if available)			

Material Safety	No data available	Irrelevant	Comments
Flammability			
Explosivity			
Incompatibility			

Source: (OECD, Series on the Safety of Manufactured Nanomaterials No. 27, LIST OF MANUFACTURED NANOMATERIALS AND LIST OF ENDPOINTS FOR PHASE ONE OF THE SPONSORSHIP PROGRAMME FOR THE TESTING OF MANUFACTURED NANOMATERIALS: REVISION, 1st of December 2010)

CONFORMITY STATEMENT

The undersigned is an owner, director, officer or otherwise authorized to agree to and sign this certificate on behalf of the company below to hereby confirm that the information provided in this document is consistent with the current state-of-the-art for

Product: _____

Acknowledged and agreed:

Company: _____

Company Stamp:

Address: _____

Country: _____

Position: _____

Name: _____

Signature: _____

Date: _____

Appendix C. Amer Sports Material Compliance Contacts

Category / Department	Brand	Contact Person	E-mail Address
Ball Sports / R&D and Quality	Wilson, Louisville Slugger, DeMarini, EvoShield, Atec	Bob Thurman	bob.thurman@amersports.com
Ball Sports / Sourcing	Wilson, Louisville Slugger, DeMarini, EvoShield, Atec	Inflates: Alan Davenport; Baseball: Lee Poole; Golf: Jean-Pierre Degembe; Rackets/ Tennis/ Shuttlecock: Michael Russack	Alan.Davenport@wilson.com; Lee.Poole@wilson.com; jean-pierre.degembe@wilson.com; Michael.Russack@wilson.com
Footwear / Sourcing	Wilson	Martin Huang	Martin.huang@wilson.com
Footwear / Quality	Salomon	Frank Pautet	Franck.Pautet@salomon.com
Footwear / Sourcing	Salomon	Celine Mazars	Celine.mazars@amersports.com
Apparel / Sourcing	Arc'teryx	Franco Fung	Franco.fung@arcteryx.com
Apparel / Footwear / Quality	Arc'teryx	Tamzyn Jones Oliver Henkel	Tamzyn.Jones@arcteryx.com Oliver.Henkel@arcteryx.com
Apparel / Sourcing	Salomon	Heddy Hou Dicky Kwok	Heddy.hou@salomon.com Dicky.kwok@salomon.com
Apparel / Quality	Salomon	Tommy Chen	Tommy.chen@salomon.com
Apparel / Quality	Wilson Sportswear	Marc Su	Marc.Su@wilson.com
Apparel / Sourcing	Atomic, Armada, Wilson Sportswear	Chris Sha	Chris.sha@amersports.com
Apparel / Material Developing	Salomon, Atomic, Armada	Eve Chang	Eve.chang@amersports.com
Apparel	Peak Performance	Julia Bergh Terence Lo	Julia.bergh@peakperformance.com Terence.lo@amersports.com
Apparel	Ball Sports (Wilson, EvoShield)	Terence O'Brien Harish Uppala	Terence.obrien@wilson.com Harish.Uppala@wilson.com
Winter Sports Equipment	Salomon	Gilles Renaud-Goud	Gilles.renaud-goud@salomon.com
Winter Sports Equipment	Atomic, Armada, Volant	Helmut Holzer	Helmut.holzer@atomic.com

Vendor sustainability mailbox related to Material Compliance: aso.rsl@amersports.com

[Legal Contacts](#)

Region	Contact	E-mail Address
EMEA	Jutta Karlsson	Jutta.Karlsson@amersports.com
	Laurence Grollier	Laurence.grollier@amersports.com
Asia	Alice Kung	Alice.kung@amersports.com
Americas	Terence O'Brien	Terence.obrien@amersports.com

Appendix D. Major Laws and Regulations

For better understanding, we have included the official regulations related to each of the substances asked to be tested. The main ones are listed below:

- **EU REACH Regulation:**

Registration, Evaluation, Authorization, and Restriction of Chemical Substances (REACH) is a European regulation regarding safe use of chemicals. The European Chemical Agency (ECHA) maintains a list of Substances of Very High Concern (SVHC). Suppliers must be aware of the SVHC list as it grows and changes, the latest updated list is available on ECHA website (<https://echa.europa.eu/candidate-list-table>).

- **EU POP Regulation:**

Persistent Organic Pollutants (POPs) are not easily biodegradable in the environment. They bio-accumulate through the food chain and pose a risk to human health and the environment. These substances are transported far from their sources, beyond national boundaries (transboundary pollution), even in areas where they have never been produced or used. The European Union POP regulation's objective is to take measures to eliminate or/and reduce the waste of POPs in the environment.

Note: when a substance is being added on the POP list its correspondent entrance will be removed from REACH.

- **California Proposition 65 (CP65):**

California Proposition 65 requires a warning label on products if the concentration of chemicals listed in this legislation (see <https://oehha.ca.gov/proposition-65/proposition-65-list>) exceed certain risk-based health limits. These limits are referred to as safe harbor levels and can be accessed via <https://oehha.ca.gov/proposition-65/general-info/current-proposition-65-no-significant-risk-levels-nrsls-maximum>. Phthalates, Formaldehydes, Flame-Retardants, and the Heavy Metals Lead and Cadmium are high-risk substances listed in CP65. Since these substances are potentially contained in our products we also have included them in our RSL (see Appendix F and Appendix G). In general, Amer Sports requires suppliers to be compliant with California Proposition 65. If suppliers detect substances listed in CP65 in our products or materials/components to manufacture our products, suppliers are urged to contact Amer Sports so we can replace these substances prior market introduction or add a CP65-compliant warning label to these products.

We have added the most significant/risky materials to our RSL.

- **Washington State: Children's Safe Products Act:**

The US State of Washington's Children's Safe Product Act (WA CSPA) is a toxic reporting regulation. The Washington State Department of Ecology maintains a list of Chemicals of High Concern to Children (CHCC). Suppliers must be aware of the CHCC list as it grows and changes. A current list of CHCCs is posted on the Washington State of Department of Ecology's CSPA website.

Appendix E. Manufacturing RSL

To eliminate hazardous chemicals out of products and processes and promote safer alternatives, starting with apparel and footwear in 2025, we will adopt the Manufacturing Restricted Substances List (Manufacturing RSL (MRSL)) which referring to the MRSL developed by ZDHC or similar list.

The MRSL addresses hazardous substances that are potentially used, discharged into environment and workers may be exposed during manufacturing process, it does not replace RSL and should be communicated to raw material suppliers.

The MRSL applies to chemicals used in Materials, Components, or Finished Goods manufacturing processes facilities, there should be no intentional use of the MRSL substances in facilities in the production, any intentional use of MRSL substances is not allowed.

There are different measures and tools for finding MRSL compliant formulations. The bluesign® bluefinder is one of the tools, a web-based search engine to help textile manufacturers find bluesign® approved chemical products which can be a support in sourcing MRSL compliant formulations.

For more details of ZDHC MRSL, please refer to <https://mrsl.roadmaptozero.com/>.

Appendix F. Amer Sports Restricted Substance List for Apparel

Amer Sports is a bluesign system partner and uses the bluesign RSL for its Apparel products.

Please refer to

- the original bluesign website¹³ for the latest RSL version for all Apparel brands.
- the material testing matrix listed subsequently.

To satisfy Amer Sports requirements, suppliers shall test for higher risk chemicals in materials. Lower risk chemicals are recommended for additional testing and may be required at brands' discretion.

The Testing Matrix indicates the following color codes:

1	1: Higher Risk. Testing strongly recommended.
2	2: Lower Risk. Testing recommended.
	Blank: Substances or group of substances with high probability not relevant.
	Dark grey: Prohibited for any application in Amer Sports products.

¹³ See <https://www.bluesign.com/downloads>



Amer Sports RSL Testing Matrix for Apparel products

Sep. 2024

Substances (According to the latest bluesign RSL limit)		Natural Fibers	Synthetic Fibers	Natural & Synthetic Blends	Artificial Leather	Genuine Leather	Natural Materials	Metals	Porcelain, Ceramic, Glass..etc.	Feathers & Down	Polymers							Coatings & Prints	Glues & Adhesives	
											EVA	PU Foam	PU & TPU	Rubber	Poly- carbonate	ABS	PVC*			Other Foams, Plastics & Polymers
Amines	Aniline	2	2	2	2	2	2											2		
Arylamines		1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A			1 ^A								1 ^A		
Colorants			1 ^A	1 ^A	1 ^A													2 ^A		
Heavy metals - Total Content	Lead (Pb)	2		2	1	2		1	1 ^B		1	1	1	1	1	1	1	1	1	2
	Cadmium (Cd)	2		2	1	2		1	1		1	1	1	1	1	1	1	1	1	2
	Chromium VI (Cr VI)					1														
Heavy metals - Extractable	Lead (Pb)	1	1	1	2	1		2			2	2	2	2	2	2	2	2	2	2
	Cadmium (Cd)	1	1	1	2	1		2			2	2	2	2	2	2	2	2	2	2
	Arsenic (As)	1	1	1	2	1		2			2	2	2	2	2	2	2	2	2	2
	Antimony (Sb)	1	1	1	2	1		2			2	2	2	2	2	2	2	2	2	2
	Mercury (Hg)	1	1	1	2	1		2			2	2	2	2	2	2	2	2	2	2
	Nickel (Ni)	1	1	1	2	1		2			2	2	2	2	2	2	2	2	2	2
	Chromium (Cr)	1	1	1	2															
	Chromium VI (Cr VI)	1	1	1	2															
	Cobalt (Co)	1	1	1	2	1		2			2	2	2	2	2	2	2	2	2	2
Copper (Cu)	1	1	1	2	1					2	2	2	2	2	2	2	2	2	2	
Heavy metals - Release	Nickel (Ni) - Usage rang A, B							1								1 ^C				
Alkylphenols and Alkylphenols ethoxylated (APEO and AP)		1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1
Chlorinated Phenols		2	2	2		2														
Biocides	Orthophenylphenol (OPP)	2	2	2	2	1														
Flame retardants (if material declared with functional finishing)		2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D
Chlorinated Paraffins, all chain lengths (C10-C13, C14-C17, C18-C28)				2	1						2	2	1	1	2	2	1	2		
Tin Organic Compounds			2	2	1	2						1	1	1			1	1	1	1
Perfluoroalkyl sulfonic/ carboxylic acids and derivatives	PFSA	1 ^E	1 ^E	1 ^E	1 ^E	1 ^E	1 ^E			1 ^E	1 ^E	1 ^E	1 ^E	1 ^E	1 ^E	1 ^E	1 ^E	1 ^E	1 ^E	
	PFCA	1 ^E	1 ^E	1 ^E	1 ^E	1 ^E	1 ^E			1 ^E	1 ^E	1 ^E	1 ^E	1 ^E	1 ^E	1 ^E	1 ^E	1 ^E	1 ^E	
	PFAS - as measured by total fluorine <50 mg/kg	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	
Plasticizers				1							1	1	1	1	2	2	1	1	1	1
Polycyclic Aromatic Hydrocarbons (PAHs)				2							1 ^F	1 ^F	1 ^F	1			1 ^F	1 ^F	1 ^F	
Chlorinated benzenes and toluenes		2	2	2																
UV-320											2	2	2	2	2	2	2	2		



Substances (According to the latest bluesign RSL limit)		Natural Fibers	Synthetic Fibers	Natural & Synthetic Blends	Artificial Leather	Genuine Leather	Natural Materials	Metals	Porcelain, Ceramic, Glass...etc.	Feathers & Down	Polymers							Coatings & Prints	Glues & Adhesives	
											EVA	PU Foam	PU & TPU	Rubber	Poly-carbonate	ABS	PVC*			Other Foams, Plastics & Polymers
UV Stabilizers	UV-327											2	2	2	2	2	2	2		
	UV-328											2	2	2	2	2	2	2		
	UV-350											2	2	2	2	2	2	2		
Solvents	Benzene				2							2	2	2	2	2	2	2	2	1
	Toluene/ Xylene, all isomers				2							2	2	2	2	2	2	2	2	1
pH value		1	1	1	1	1														
Aldehydes	Formaldehyde	1	1	1	2	1	1 ^D						2						1	1
Biocides	Dimethylfumarate (DMFu)	1 ^H	1 ^H	1 ^H	1 ^H	1 ^H	1 ^H					1 ^H	1 ^H	1 ^H	1 ^H	1 ^H	1 ^H	1 ^H		
Isocyanates			1 ^J	1 ^J	1 ^J								1 ^J							
Other Chemical Subs.	Formamide											1						2		
Solvents	N,N-Dimethylformamide (DMFa)				1								1	1					1 ^K	1 ^K
Solvents	N,N-Dimethylacetamide (DMAC)				1								2	2					2	2
Solvents	1-Methyl-2-Pyrrolidone (NMP)				1								2	2					2	2
Other Chemical Subs.	Bisphenol A (BPA)		1 ^L	1 ^L	2	1 ^L						2	2	2	2	1	2	2	2	
	Bisphenol AF (BPAF)		1 ^L	1 ^L	2	1 ^L						2	2	2	2	1	2	2	2	
	Bisphenol B (BPB)		1 ^L	1 ^L	2	1 ^L						2	2	2	2	1	2	2	2	
	Bisphenol F (BPF)		1 ^L	1 ^L	2	1 ^L						2	2	2	2	1	2	2	2	
	Bisphenol S (BPS)		1 ^L	1 ^L	2	1 ^L						2	2	2	2	1	2	2	2	
Other Chemical Subs.	Quinoline		2	2																
Polymers	Polyvinyl Chloride (PVC)*				2														2	
Pesticides		2		2		2	2													
Halogenated Biphenyls, Halogenated Terphenyls and Halogenated Naphthalenes	Polybrominated Naphthalenes	2	2	2	2	2						2	2	2	2	2	2	2		
	Polybrominated Terphenyls	2	2	2	2	2						2	2	2	2	2	2	2		
	Polychlorinated Biphenyls (PCB)	2	2	2	2	2						2	2	2	2	2	2	2		
	Polychlorinated Naphthalenes (PCN)	2	2	2	2	2						2	2	2	2	2	2	2		
	Polychlorinated Terphenyls (PCT)	2	2	2	2	2						2	2	2	2	2	2	2		
	Halogenated Diarylalkanes	2	2	2	2							2	2	2	2	2	2	2		
Asbestos	Actinolite	Prohibited																		
	Amosite																			
	Anthophyllite																			
	Chrysotile																			

Substances (According to the latest bluesign RSL limit)	Natural Fibers	Synthetic Fibers	Natural & Synthetic Blends	Artificial Leather	Genuine Leather	Natural Materials	Metals	Porcelain, Ceramic, Glass..etc.	Feathers & Down	Polymers							Coatings & Prints	Glues & Adhesives	
										EVA	PU Foam	PU & TPU	Rubber	Poly-carbonate	ABS	PVC*			Other Foams, Plastics & Polymers
Crocidolite																			
Tremolite																			
Dioxins and furans	Prohibited																		
SVHC that are not included in this RSL (<1000 mg/kg)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

1	1 : Higher Risk. Testing strongly recommended
2	2 : Lower Risk. Testing recommended
	Blank : Substances or group of substances with high probability not relevant
	Dark grey: Prohibited for any application in Amer Sports products

- Note**
- *: PVC is prohibited to use in all Amer Sports footwear, apparel, packaging and food contact products. In addition, Amer Sports prefers all products do not contain PVC and supports efforts to phase-out PVC.
 - A: For dyed/colored materials
 - B: Crystal is exempted
 - C: Metallic coating part on polymers (usually on ABS), accelerated wear and corrosion test is not required
 - D: If Flame Retardant use or contamination is suspected.
 - E: If a Fluorinated finish is applied to resist heat, oil, stains, and water. (e.g. DWR, oil resist, non-stick coating)
 - F: Dark color polymeric materials.
 - G: Paper, Cork
 - H: Whenever a product does have a fungicide application
 - J: For PU, TPU
 - K: For PU based materials.
 - L: For Recycled fiber, Polyester-Spandex blends, Elastan and Polyurethane, Cotton/ Spandex mix fabrics



Appendix G. Amer Sports Restricted Substance List for Products other than Apparel

For all other products than Apparel, Amer Sports partnered with laboratories and experts to define the Restricted Substance List which consists of two parts as follows:

- 1. Restricted Substance List: List of individual restricted substances that are banned or restricted in Amer Sports’ non-apparel products. Limit values are derived from laws and regulations in individual countries or by Amer Sports sustainability goals whichever is most rigid.
- 2. Testing Matrix: The recommended testing approach that needs to be applied to materials or finished goods, incl. required limit values and recommended testing methods.

To satisfy Amer Sports requirements, suppliers shall test for higher risk chemicals in materials. Lower risk chemicals are recommended for additional testing and may be required at brands’ discretion.

The Testing Matrix indicates the following color codes:

1	1: Higher Risk. Testing strongly recommended.
2	2: Lower Risk. Testing recommended.
	Blank: Substances or group of substances with high probability not relevant.
	Dark grey: Prohibited for any application in Amer Sports products.

Amer Sports Restricted Substance List for Non-Apparel products (Sep. 2024)

Substances	Abbreviation	CAS N°	Usage range			Countries and regulation names	Changes compare to previous RSL
			Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
1. Amines							
1.1	Aniline	62-53-3	<20 mg/kg	Non-Leather <50 mg/kg		Oeko Tex Standard 100 / US Washington CHCC	
2. Azo Dyes/Aromatic Amines							
2.1	4-Aminobiphenyl	92-67-1	<20 mg/kg			EU REACH Annex XVII / Swiss Regulation / China GB Standard / Taiwan Regulation / Korea KC Mark / Turkey Regulation / Vietnam Regulation / India Regulation / Indonesia Regulation / Australia Voluntary Restriction / Oeko Tex Standard / Japan Law No 112	
2.2	Benzidine	92-87-5					
2.3	4-Chloro-o-toluidine	95-69-2					
2.4	2-Naphthylamine	91-59-8					
2.5	o-Aminoazotoluene	97-56-3					
2.6	5-nitro-o-toluidine	99-55-8					
2.7	p-Chloroaniline	106-47-8					
2.8	2,4-Diaminoanisole	615-05-4					
2.9	4,4'-Diaminodiphenylmethane	101-77-9					
2.10	3,3'-Dichlorobenzidine	91-94-1					
2.11	3,3'-Dimethoxybenzidine	119-90-4					
2.12	3,3'-Dimethylbenzidine	119-93-7					
2.13	3,3'-Dimethyl-4,4'-diaminobiphenylmethane	838-88-0					
2.14	p-Cresidine	120-71-8					
2.15	4,4'-Methylene-bis-(2-chloroaniline)	101-14-4					
2.16	4,4'-Oxydianiline	101-80-4					
2.17	4,4'-Thiodianiline	139-65-1					
2.18	o-Toluidine	95-53-4					
2.19	2,4-Diaminotoluene	95-80-7					
2.20	2,4,5-trimethylaniline	137-17-7					
2.21	o-Anisidine (2-Methoxyanilin)	90-04-0					
2.22	4-Aminoazobenzene	60-09-3					
2.23	2,6-Xylidine	87-62-7					
2.24	2,4-Xylidine	95-68-1					
2.25	4-chloro-o-toluidinium chloride	3165-93-3					
2.26	2-Naphthylammoniumacetate	553-00-4					
2.27	4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate	39156-41-7	<20 mg/kg			EU REACH Annex XVII Entry 72 (textiles, and related accessories), Oeko Tex Standard 100, Oeko Tex Leather Standard	
2.28	2,4,5-trimethylaniline hydrochloride	21436-97-5					
3. Dyes, Forbidden & Disperse							
3.1	C.I. Disperse Blue 1	2475-45-8	<30 mg/kg			Korea safety quality mark for textiles (underwear and Childrens' products), EU REACH Annex XVII Entry 72, OEKO-TEX 100, Egyptian law	
3.2	C.I. Disperse Blue 3	2475-46-9					
3.3	C.I. Disperse Blue 7	3179-90-6					
3.4	C.I. Disperse Blue 26	3860-63-7					
3.5	C.I. Disperse Blue 35	12222-75-2					
3.6	C.I. Disperse Blue 35A	56524-77-7					
3.7	C.I. Disperse Blue 35B	56524-76-6					
3.8	C.I. Disperse Blue 102	12222-97-8					
3.9	C.I. Disperse Blue 106	12223-01-7 (68516-81-4)					
3.10	C.I. Disperse Blue 124	61951-51-7 (15141-18-1)					
3.11	C.I. Disperse Brown 1	23355-64-8					
3.12	C.I. Disperse Orange 1	2581-69-3					
3.13	C.I. Disperse Orange 3	730-40-5					
3.14	C.I. Disperse Orange 11	82-28-0					
3.15	C.I. Disperse Orange 3776/59	12223-33-5 / 13301-61-6 / 51811-42-8					
3.16	C.I. Disperse Orange 149	85136-74-9					
3.17	C.I. Disperse Red 1	2872-52-8					
3.18	C.I. Disperse Red 11	2872-48-2					
3.19	C.I. Disperse Red 17	3179-89-3					
3.20	C.I. Disperse Yellow 1	119-15-3					
3.21	C.I. Disperse Yellow 3	2832-40-8					
3.22	C.I. Disperse Yellow 7	6300-37-4					
3.23	C.I. Disperse Yellow 9	6373-73-5					
3.24	C.I. Disperse Yellow 23	6250-23-3					
3.25	C.I. Disperse Yellow 39	12236-29-2					
3.26	C.I. Disperse Yellow 49	54824-37-2					
3.27	C.I. Disperse Yellow 56	54077-16-6					
3.28	Acid Red 26	3761-53-3					
3.29	Basic Red 9	569-61-9					
3.30	C.I. Basic Green 4	569-64-2 / 2437-29-8 / 10309-95-2					
3.31	C.I. Basic Violet 3 with ≥ 0,1 % of Michler's ketone (EC no. 202-027-5)	548-62-9					
3.32	Basic Violet 14	632-99-5					
3.33	Direct Black 38	1937-37-7					
3.34	Direct Blue 6	2602-46-2					
3.35	Direct Red 28	573-58-0					
3.36	C.I. Direct Brown 95	16071-86-6					
3.37	4-Dimethylaminoazobenzene (Solvent Yellow 2)	60-11-7					
3.38	C.I. Solvent Blue 4	6786-83-0					
3.39	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1					
3.40	Basic Blue 26	2580-56-5					
4. Dyes, Navy Blue (Blue Colorant)							

Substances	Abbreviation	CAS N°	Usage range			Countries and regulation names	Changes compare to previous RSL
			Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
4.1	Component 1: C ₃₉ H ₂₃ ClCrN ₇ O ₁₂ S ₂ Na (EC No. 405-665-4)		118685-33-9				
4.2	Component 2: C ₂₈ H ₃₀ CrN ₁₀ O ₂₀ S ₂ 3Na (EC No. 405-665-4)		Not allocated				
5. Heavy Metals total content							
5.1	Lead	Pb	7439-92-1	<90 mg/kg not applicable to Glass/ Crystal		USA CPSIA, California Prop 65, China GB/T 39498, Switzerland ORRChem, Korea safety quality mark for leather products, USA Illinois 410 ILCS 45, EU REACH Annex XVII, Danish Statutory Order No 856	
5.2	Cadmium	Cd	7440-43-9	<40 mg/kg		China GB/T 39498, California Prop 65, EU REACH Annex XVII, Korea safety quality mark, USA Washington 70.240 RCW	
5.3	Arsenic	As	7440-38-2	<100 mg/kg Wood: Not Detected (D.L. 5 mg/kg)		Swiss SR 817.023.41 Article 22, GB 30585, Oeko Tex Standard 100, Oeko Tex Leather Standard	
5.4	Mercury	Hg	7439-97-6	<0.5 mg/kg		OEKO-TEX	
5.5	Chromium VI	Cr(VI)	18540-29-9	<0.5 mg/kg Leather <3 mg/kg		EU REACH Annex XVII, German Ordinance on Commodities, Turkey KKDIK, Taiwan CNS 15331, Oeko Tex Leather Standard, Swiss Chem RRV 814.81 Article 3 Annex 2.16, China GB/T 39498	
6. Heavy Metals - Extractable							
6.1	Lead	Pb	7439-92-1	<0.2 mg/kg	<1 mg/kg	NA	Oeko Tex Standard 100, Oeko Tex Leather Standard
6.2	Cadmium	Cd	7440-43-9	<0.1 mg/kg		NA	
6.3	Arsenic	As	7440-38-2	<0.2 mg/kg		NA	
6.4	Antimony	Sb	7440-36-0	<30 mg/kg		NA	
6.5	Mercury	Hg	7439-97-6	<0.02 mg/kg		NA	
6.6	Nickel	Ni	7440-02-0	<1 mg/kg	<4 mg/kg	NA	
6.7	Chromium	Cr	7440-47-3	< 1mg/kg (textile); < 200 mg/kg (leather)	< 2mg/kg (textile); < 200 mg/kg (leather)	NA	
6.8	Chromium VI	Cr(VI)	18540-29-9	< 0.5 mg/kg (textile)		NA	
6.9	Cobalt	Co	7440-48-4	<1 mg/kg	<4 mg/kg	NA	
6.10	Copper	Cu	7440-50-8	< 25mg/kg (not applicable to inorganic material)	< 50mg/kg (not applicable to inorganic material)	NA	
6.11	Barium	Ba	7440-39-3	<1000 mg/kg		NA	
6.12	Selenium	Se	7782-49-2	<100 mg/kg		NA	
7. Heavy Metals - Migration /Soluble							
7.1	Lead	Pb	7439-92-1	<90 mg/kg	N/A	Korea Common Safety Standards for Children's Products, Taiwan CNS 15331, China GB 28480	
7.2	Cadmium	Cd	7440-43-9	<40 mg/kg	N/A		
7.3	Chromium	Cr	7440-47-3	<60 mg/kg	N/A		
7.4	Antimony	Sb	7440-36-0	<60 mg/kg	N/A		
7.5	Arsenic	As	7440-38-2	<25 mg/kg	N/A		
7.6	Mercury	Hg	7439-97-6	<60 mg/kg	N/A		
7.7	Selenium	Se	7782-49-2	<500 mg/kg	N/A		
7.8	Barium	Ba	7440-39-3	<1000 mg/kg	N/A		
8. Heavy Metals - Release							
8.1	Nickel release	Ni	7440-02-0	<0.5µg/cm ² /week (skin contact only) <0.2µg/cm ² /week (piercings)	N/A	EU REACH Annex XVII, China GB 28480, Korea safety quality mark, Turkey KKDIK, Taiwan CNS 15978	
9. Alkylphenols and Alkylphenols ethoxylated (APEO and AP)							
9.1	Nonylphenol (NP), mixed isomers	NP	various	Total APs < 10mg/kg		EU REACH Annex XVII & SVHC, Turkey KKDIK, Taiwan CNS 15290, Oeko Tex Standard 100, Oeko Tex Leather Standard, Korea Safety Confirmation Act	
9.2	Octylphenol (OP), mixed isomers	OP	various	Total APs + APEOs <100 mg/kg			
9.3	Nonylphenol ethoxylates (NPEOs)	NPEOs	various				
9.4	Octylphenol ethoxylates (OPEOs)	OPEOs	various				
10. Chlorinated Phenols							
10.1	Pentachlorophenols	PCP	87-86-5	<0.05 mg/kg	<0.5 mg/kg	Swiss Chem RRV 814.81, Oeko Tex Standard 100, Oeko Tex Leather Standard, German Gefahrstoff Verordnung, Denmark Statutory Order No 420:1996, Netherlands Commodities Act, Norway Product Regulation, Austrian Federal Law Gazette No 58/1991, EU POPs, China GB 25036, GB 25038, GB 30585	
10.2	2,3,5,6 Tetrachlorophenol	TeCP	935-95-5	<0.05 mg/kg (each)	<0.5 mg/kg (each)		
10.3	2,3,4,6 Tetrachlorophenol	TeCP	58-90-2				
10.4	2,3,4,5 Tetrachlorophenol	TeCP	4901-51-3				
10.5	2,3,4 Trichlorophenol	TriCP	15950-66-0	<0.2 mg/kg (each)	<2 mg/kg (each)		
10.6	2,3,5 Trichlorophenol	TriCP	933-78-8				
10.7	2,3,6 Trichlorophenol	TriCP	933-75-5				
10.8	2,4,5 Trichlorophenol	TriCP	95-95-4				
10.9	2,4,6 Trichlorophenol	TriCP	88-06-2				
10.10	3,4,5 Trichlorophenol	TriCP	609-19-8				
10.11	2,4-Dichlorophenol, free	DCP	120-83-2	<0.5 mg/kg (each)	<3 mg/kg (each)		
10.12	2,3-Dichlorophenol, free	DCP	576-24-9				
10.13	2,5-Dichlorophenol, free	DCP	583-78-8				
10.14	2,6-Dichlorophenol, free	DCP	87-65-0				
10.15	3,4-Dichlorophenol, free	DCP	95-77-2				
10.16	3,5-Dichlorophenol, free	DCP	591-35-5				
10.17	4-Chlorophenol, free	MCP	106-48-9				
10.18	2-Chlorophenol, free	MCP	95-57-8	<0.5 mg/kg (each)	<3 mg/kg (each)		
10.19	3-Chlorophenol, free	MCP	108-43-0				
10.20	Orthophenylphenol	OPP	90-43-7	Non-leather: <10 mg/kg Leather: <100 mg/kg	Non-leather: <25 mg/kg Leather: <750 mg/kg		
11. Flame retardants							

Substances	Abbreviation	CAS N°	Usage range			Countries and regulation names	Changes compare to previous RSL
			Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
11.1	Polybrominated biphenyles	PBB	various				
11.2	Tris-(2,3-dibromopropyl)-phosphate	TRIS	126-72-7				
11.3	Tris-(aziridinyl)-phosphinoxide	TEPA	545-55-1				
11.4	Pentabromodiphenylether	pentaBDE	32534-81-9				
11.5	Octabromodiphenylether	octaBDE	32536-52-0				
11.6	Decabromodiphenylether	decaBDE	1163-19-5				
11.7	Hexabromocyclododecane	HCDD	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8				
11.8	Tetrabromodiphenylether	TetraBDE	various				
11.9	Heptabromodiphenylether	heptaBDE	various				
11.10	Hexabromodiphenylether	hexaBDE	various				
11.11	All other Polybrominated diphenyl ethers	PBDEs	various				
11.12	Tetrabromobisphenol A	TBBP A	79-94-7				
11.13	2,2-bis(bromomethyl)-1,3-propanediol	BBMP	3296-90-0				
11.14	Triethyl phosphate	TXP	25155-23-1				
11.15	Bis(2,3-dibromopropyl) phosphate	BDPBP	5412-25-9				
11.16	Tri-n-cresyl phosphate		78-30-8				
11.17	Diboron Trioxide		1303-86-2				
11.18	Antimony trioxide	Sb ₂ O ₃	1309-64-4				
11.19	Antimony pentoxide	Sb ₂ O ₅	1314-60-9				
11.20	Boric Acid		10043-35-3, 11113-50-1				
11.21	Zinc borate salts		1332-07-6, 12767-90-7				
11.22	Disodium octaborate		12008-41-2				
11.23	Disodium tetraborate anhydrous		12179-04-3, 1303-96-4, 1330-43-4				
11.24	Tetraboron disodium heptaoxide hydrate		12267-73-1				
11.25	Disodium Tetraborate (Anhydrous)		1330-43-4				
11.26	Tris-(1,3-chloro-2-propyl)phosphate	TDCPP	13674-87-8				
11.27	Tris (1-chloro-2-propyl)phosphate	TCPP	13674-84-5				
11.28	Tris(2-chloroethyl)phosphate	TCEP	115-96-8				
11.29	Decabromodiphenyl ethane	DBDPE	84852-53-9				
12. Chlorinated paraffins							
12.1	Short-chain Chlorinated Paraffins (SCCPs) (C10-C13)	SCCP	85535-84-8		SCCP: Plastic / Coating <50 mg/kg Leather <50 mg/kg Textile <50 mg/kg SCCP + MCCP: Non-leather <50 mg/kg	EU POPs / Oeko Tex Standard 100/ Singapore Regulation / Swiss Regulation	
12.2	Medium-chain Chlorinated Paraffins (MCCPs) (C14-C17)	MCCP	85535-85-9				
13. Organotin Compounds							
13.1	Monobutyltin (MBT)	MBT	78763-54-9				
13.2	Monoocetyl tin (MOT)	MOT	15231-57-9				
13.3	Monomethyltin (MMT)	MMT	16408-15-4				
13.4	Monophenyltin (MPhT)	MPhT	2406-68-0				
13.5	Dimethyltin (DMT)	DMT	23120-99-2				
13.6	Dibutyltin (DBT)	DBT	1002-53-5				
13.7	Diphenyltin (DPHT)	DPHT	1135-99-5				
13.8	Dipropyltin (DPT)	DPT	2406-60-2				
13.9	Diocetyl tin (DOT)	DOT	15231-44-4				
13.10	Tricyclohexyltin (TCyT)	TCyT	6056-50-4				
13.11	Triocetyl tin (TOT)	TOT	250252-89-2				
13.12	Tripropyltin (TPT)	TPT	761-44-4				
13.13	Trimethyltin (TMT)	TMT	1631-73-8				
13.14	Tetrabutyltin (TeBT)	TeBT	1461-25-2				
13.15	Tetraethyltin (TeET)	TeET	597-64-8				
13.16	Tetraoctyltin compounds	TeOT	various				
13.17	Tributyltin (TBT)	TBT	56573-85-4		<0.5 mg/kg		
13.18	Triphenyltin (TPhT)	TPhT	668-34-8		<0.5 mg/kg		
14. Perfluorinated and Polyfluorinated Chemicals (PFCs / PFAS)							
14.1 PFOS and its Derivatives							
14.1.1	Perfluorooctanesulfonic acid	PFOS	1763-23-1				
14.1.2	N-Ethylperfluoro-1-octanesulfonamide	N-Et-FOSA	4151-50-2				
14.1.3	N-Methylperfluoro-1-octanesulfonamide	N-Me-FOSA	31506-32-8				
14.1.4	2-(N-Ethylperfluoro-1-octanesulfonamido)-ethanol	N-Et-FOSE	1891-99-2				
14.1.5	2-(N-Methylperfluoro-1-octanesulfonamido)-ethanol	N-Me-FOSE	24448-09-7				
14.1.6	Perfluoro-1-octanesulfonyl fluoride	POSF/ PFOSF	307-35-7				
14.1.7	Perfluorooctane sulfonamide	PFOSA	754-91-6				
14.1.8	Perfluorooctanesulfonic acid, potassium salt	PFOS-K	2795-39-3				
14.1.9	Perfluorooctanesulfonic acid, lithium salt	PFOS-Li	29457-72-5				
14.1.10	Perfluorooctanesulfonic acid, ammonium salt	PFOS-NH ₄	29081-56-9				
14.1.11	Perfluorooctane sulfonate diethanolamine salt	PFOS-NH(OH) ₂	70225-14-8				
14.1.12	Perfluorooctanesulfonic acid, tetraethylammonium salt	PFOS-N(C ₂ H ₅) ₄	56773-42-3				
14.1.13	Didecyldimethylammonium perfluorooctane sulfonate	PFOS-N(C ₁₀ H ₂₁) ₂ (CH ₃) ₂	251099-16-8				
14.1.14	2H,2H-Perfluorodecane Acid	H2PFDA	882489-14-7				
14.2 PFOA and its Salts							
						EU POPs, Swiss Chem RRV 814.81, Canada CEP, Norway Product Regulation, Oeko Tex Standard 100	
						Amer Sports / Footwear RSL	

Substances	Abbreviation	CAS N°	Usage range			Countries and regulation names	Changes compare to previous RSL
			Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
14.2.1 Perfluorooctanoic acid	PFOA	335-67-1					
14.2.2 Silver perfluorooctanoate	PFOA-Ag	335-93-3					
14.2.3 Sodium perfluorooctanoate	PFOA-Na	335-95-5					
14.2.4 Perfluorooctanoyl fluoride	PFOA-F	335-66-0					
14.2.5 Potassium perfluorooctanoate	PFOA-K	2395-00-8					
14.2.6 Ammonium pentadecafluorooctanoate	APFO	3825-26-1					
14.3 PFOA Related Substances							
14.3.1 1H,1H,2H,2H-Perfluoro-1-decanol	8:2 FTOH	678-39-7					
14.3.2 Methyl perfluorooctanoate	PFOA-Me	376-27-2					
14.3.3 Ethyl perfluorooctanoate	PFOA-Et	3105-24-5					
14.3.4 1H,1H,2H,2H-Perfluorodecane sulfonic Acid	8:2 FTS	99108-34-4					
14.3.5 1H,1H,2H,2H-Perfluorodecyl acrylate	8:2 FTA	27905-45-9					
14.3.6 1H,1H,2H,2H-Perfluorodecyl methacrylate	8:2 FTMA	1996-88-9					
14.3.7 2H,2H-Perfluorodecanoic acid	H2PFDA	27854-31-5					
14.4 PFCAs C9-C14							
14.4.1 Perfluorononane acid	PFNA (C9)	375-95-1					
14.4.2 Perfluorodecane acid	PFDA (C10)	335-76-2					
14.4.3 Henicosafuoroundecanoic acid	PFUdA (C11)	2058-94-8					
14.4.4 Tricosafuorododecanoic acid	PFDoA (C12)	307-55-1					
14.4.5 Pentacosafuorotridecanoic acid	PFTA (C13)	72629-94-8					
14.4.6 Hentacosafuorotetradecanoic acid	PFTA (C14)	376-06-7					
14.4.7 2H,2H,3H,3H-perfluoroundecanoate	H4PFUnA	34598-33-9					
14.4.8 1H,1H,2H,2H-Perfluorododecyl acrylate	10:2 FTA	17741-60-5					
14.5 Other PFAS							
14.5.1 Perfluoroheptane acid	PFHpA	375-85-9					
14.5.2 Perfluorobutanoic acid and related substances	PFBA	375-22-4					
14.5.3 Perfluoropentanoic acid	PFPeA	2706-90-3					
14.5.4 Perfluoro(3,7-dimethyloctanoic acid)	PF-3,7-DMOA	172155-07-6					
14.5.5 Perfluorobutane sulfonic acid	PFBS	375-73-5					
14.5.6 Perfluoroheptane sulfonic acid	PFHpS	375-92-8					
14.5.7 Henicosafuorodecane sulfonic acid	PFDS	335-77-3					
14.5.8 7H-Perfluoro heptanoic acid	7HPFHpA	1546-95-8					
14.5.9 1H,1H,2H,2H-Perfluorooctane sulfonic acid	1H, 1H, 2H, 2H-PFOS	27619-97-2					
14.5.10 1H,1H,2H,2H-Perfluoro-1-hexanol	4:2 FTOH	2043-47-2					
14.5.11 1H,1H,2H,2H-Perfluoro-1-octanol	6:2 FTOH	647-42-7					
14.5.12 1H,1H,2H,2H-Perfluoro-1-dodecanol	10:2 FTOH	865-86-1					
14.5.13 1H,1H,2H,2H-Perfluorooctyl acrylate	6:2 FTA	17527-29-6					
14.5.14 Perfluorohexanoic acid and its salts	PFHxA	307-24-4					
14.5.15 Perfluorohexane sulfonic acid	PFHxS	355-46-4					
14.6 All PFAS							
14.6.1 PFAS as measured by total organic fluorine	PFAS	Varies					
					Measured by Total Fluorine <50 mg/kg not applicable for Ski binding until next notification	Amer Sports, U.S. PFAS Regulations	Limit updated
15. Phthalates							
15.1 Di-(2-ethylhexyl)-phthalate	DEHP	117-81-7					
15.2 Butylbenzylphthalate	BBP	85-68-7					
15.3 Dibutylphthalate	DBP	84-74-2					
15.4 Di-iso-butylphthalate	DIBP	84-69-5					
15.5 Di-nonylphthalate	DINP	28553-12-0 / 68515-48-0					
15.6 Di-n-octylphthalate	DNOP	117-84-0					
15.7 Di-isodecylphthalate	DIDP	26761-40-0 / 68515-49-1					
15.8 Diisohexyl phthalate	DIHP	71850-09-4					
15.9 Dipropyl phthalate	DPRP	131-16-8					
15.10 Diisooctyl phthalate	DIOP	27554-26-3					
15.11 Dinonyl phthalate	DNP	84-76-4					
15.12 Dicyclohexyl phthalate	DCHP	84-61-7					
15.13 1,2-Benzenedicarboxylic acid, di-C7-11 ...	DHNUP	68515-42-4					
15.14 N-Pentyl-isipentylphthalate	nPIPP	776297-69-9					
15.15 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	DHxP	68515-50-4					
15.16 dimethyl phthalate	DMP	131-11-3					
15.17 diethylphthalate	DEP	84-66-2					
15.18 Di-n-hexyl phthalate	DnHP	84-75-3					
15.19 1,2-benzenedicarboxylic acid; di-C 6-8-branched alkylesters, C 7-rich	DIHP	71888-89-6					
15.20 Bis(2-methoxyethyl) phthalate	DMEP	117-82-8					
15.21 Di-iso-pentylphthalate	DIPP	605-50-5					
15.22 Di-n-pentylphthalate	DnPP	131-18-0					
15.23 1,2-Benzenedicarboxylic acid Dipentyl ester, branched and linear	DPP	84777-06-0					
15.24 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate; 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters; 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters		68648-93-1 / 68515-51-5					
16. Polycyclic Aromatic Hydrocarbons (PAHs)							

Substances	Abbreviation	CAS N°	Usage range			Countries and regulation names	Changes compare to previous RSL
			Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
16.1	Benzo[a]anthracene (BaA)	BaA	56-55-3	<p>Each of below 8 PAHs: Benzo[a]pyrene, Benzo[e]pyrene, Benzo[a]anthracene, Chrysene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Dibenzo[a,h]anthracene. < 1 mg/kg Children < 0.5 mg/kg</p> <p>Naphthalene < 2 mg/kg</p> <p>Sum of 24 PAHs: < 10 mg/kg Children < 5 mg/kg</p>	<p>NA</p>	EU REACH Annex XVII, Germany - GS Mark, OEKO-TEX Standard 100	
16.2	Chrysene (CHR)	CHR	218-01-9				
16.3	Benzo[b]fluoranthene (BbF)	BbF	205-99-2				
16.4	Benzo[j]fluoranthene (BjF)	BjF	205-82-3				
16.5	Benzo[k]fluoranthene (BkF)	BkF	207-08-9				
16.6	Benzo[a]pyrene (BaP)	BaP	50-32-8				
16.7	Benzo[e]pyrene (BeP)	BeP	192-97-2				
16.8	Dibenzo[a,h]anthracene (DBA)	DBA	53-70-3				
16.9	Naphthalene (NAP)	NAP	91-20-3			<p>Germany - GS Mark,OEKO-TEX Standard 100</p>	
16.10	Acenaphthylene (ANY)	ANY	208-96-8				
16.11	Acenaphthene (ANA)	ANA	83-32-9				
16.12	Fluorene (FLU)	FLU	86-73-7				
16.13	Phenanthrene (PHE)	PHE	85-01-8				
16.14	Anthracene (ANT)	ANT	120-12-7				
16.15	Fluoranthene (FLT)	FLT	206-44-0				
16.16	Pyrene (PYR)	PYR	129-00-0				
16.17	Indeno[1,2,3-cd]pyrene (IPY)	IPY	193-39-5			<p>EU Scientific Committee for Food / OEKO-TEX Standard 100</p>	
16.18	Benzo[g,h,i]perylene (BPE)	BPE	191-24-2				
16.19	Cyclopenta[c,d]pyrene		27208-37-3				
16.20	Dibenzo[a,e]pyrene		192-65-4				
16.21	Dibenzo[a,h]pyrene		189-64-0				
16.22	Dibenzo[a,i]pyrene		189-55-9				
16.23	Dibenzo[a,l]pyrene		191-30-0				
16.24	1-Methylpyrene		2381-21-7				
17. Chlorinated benzenes and toluenes							
17.1	1,2-Dichlorobenzene		95-50-1	<p><1 mg/kg (sum)</p>	<p>EU REACH Annex XVII, OEKO-TEX Standard 100, Gulf Cooperation Council (GCC) restriction</p>		
17.2	3,5-Dichlorotoluene		25186-47-4				
17.3	2,3,4-Trichlorotoluene		7359-72-0				
17.4	2,3,5-Trichlorotoluene		56961-86-5				
17.5	2,4,6-Trichlorotoluene		23749-65-7				
17.6	3,4,5-Trichlorotoluene		21472-86-6				
17.7	2-Chlorotoluene		95-49-8				
17.8	3-Chlorotoluene		108-41-8				
17.9	4-Chlorotoluene		106-43-4				
17.10	2,3-Dichlorotoluene		32768-54-0				
17.11	2,4-Dichlorotoluene		95-73-8				
17.12	2,5-Dichlorotoluene		19398-61-9				
17.13	2,6-Dichlorotoluene		118-69-4				
17.14	3,4-Dichlorotoluene		95-75-0				
17.15	2,3,6-Trichlorotoluene		2077-46-5				
17.16	2,4,5-Trichlorotoluene		6639-30-1				
17.17	2,3,4,5-Tetrachlorotoluene		1006-32-2 / 76057-12-0				
17.18	2,3,4,6-Tetrachlorotoluene		875-40-1				
17.19	2,3,5,6-Tetrachlorotoluene		1006-31-1 / 29733-70-8				
17.20	Pentachlorotoluene		877-11-2				
17.21	Monochlorobenzene		108-90-7				
17.22	1,3-Dichlorobenzene		541-73-1				
17.23	1,4-Dichlorobenzene		106-46-7				
17.24	1,2,3-Trichlorobenzene		87-61-6				
17.25	1,2,4-Trichlorobenzene		120-82-1				
17.26	1,3,5-Trichlorobenzene		108-70-3				
17.27	1,2,3,4-Tetrachlorobenzene		634-66-2				
17.28	1,2,3,5-Tetrachlorobenzene		634-90-2				
17.29	1,2,4,5-Tetrachlorobenzene		95-94-3				
17.30	Pentachlorobenzene		608-93-5				
17.31	Hexachlorobenzene		118-74-1				
17.32	p-Chlorobenzotrichloride		5216-25-1				
17.33	Benzotrichloride		98-07-7				
17.34	Benzyl Chloride		100-44-7				
18. Nitrosamines							
18.1	N-Nitrosodimethylamine	NDMA	62-75-9	<p><0.5 mg/kg (each)</p>	<p>China GB 25036 (Rubber Shoes), GB 20585 (Children's footwear)</p>		
18.2	N-Nitrosodiethylamine	NDEA	55-18-5				
18.3	N-Nitrosodipropylamine	NDPA	621-64-7				
18.4	N-Nitrosobutylamine	NDBA	924-16-3				
18.5	N-Nitrosopiperidine	NPiP	100-75-4				
18.6	N-Nitrosopyrrolidine	NPYR	930-55-2				
18.7	N-Nitrosomorpholine	NMOR	59-89-2				
18.8	N-Nitroso-N-methylaniline	NMPhA	614-00-6				
18.9	N-Nitroso-N-ethyl-aniline	NEPhA	612-64-6				
19. UV Stabilizers							
19.1	2-Benzotriazol-2-yl-4,6-di-tert-butylphenol	UV-320	3846-71-7	<p><1000 mg/kg (each)</p>	<p>EU REACH SVHC / Oeko Tex Standard 100</p>		
19.2	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol	UV-327	3864-99-1				
19.3	2-(2H-Benzotriazol-2-yl)-4,6-ditertbutylphenol	UV-328	25973-55-1				
19.4	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	UV-350	36437-37-3				
20. Volatile organic compounds (VOCs)							

Substances	Abbreviation	CAS N°	Usage range			Countries and regulation names	Changes compare to previous RSL	
			Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact			
20.1 Benzene		71-43-2	<5 mg/kg			EU REACH XVII		
20.2 Carbon Disulfide		75-15-0	< 1000 mg/kg (each)			EU REACH XVII, EU (EC) No 1005/2009, Germany - Chemikalienverbot, Verordnung (Prohibition of Chemicals Ordinance), section 16, Japan Law for the Control of Household Products Containing Harmful Substances		
20.3 Carbon Tetrachloride		56-23-5						
20.4 Chloroform		67-66-3						
20.5 Cyclohexanone		108-94-1						
20.6 1,2-Dichloroethane		107-06-2						
20.7 1,1-Dichloroethene		75-35-4						
20.8 Ethylbenzene		100-41-4						
20.9 Pentachloroethane		76-01-7						
20.10 1,1,1,2-Tetrachloroethane		630-20-6						
20.11 1,1,2,2-Tetrachloroethane		79-34-5						
20.12 Tetrachloroethylene (PERC)		127-18-4						
20.13 Toluene		108-88-3						
20.14 1,1,1-Trichloroethane		71-55-6						
20.15 1,1,2-Trichloroethane		79-00-5						
20.16 Trichloroethylene		79-01-6						
20.17 Xylenes (meta-, ortho-, para-)		1330-20-7 / 108-38-3 / 95-47-6 / 106-42-3	<20 mg/kg	<50 mg/kg	<100 mg/kg	OEKO-TEX standard 100	Limit updated	
20.18 Phenol		108-95-2						
21. Miscellaneous								
21.1	pH Value	pH	-	Textile: 4.0-7.5 Leather: 3.5-7.0 (to minimize Cr VI formation during tanning and processing, pH 3.5-4.5 is recommended)		NA	Oeko Tex Standard 100, Oeko Tex Leather Standard, Korean Common Safety Standards for Children's Products, China GB 18401, GB 25036, GB 25038, AFIRM	
21.2	Formaldehyde		50-00-0	<75 mg/kg <16 mg/kg for Babies (<3 years old)	<75 mg/kg	<300 mg/kg Wood <80 mg/kg (Formaldehyde Release)	Japan Law112 China GB 18401, GB 20400, OEKO-TEX standard 100, German Bedarfsgegenständeverordnung, Finland Regulation, Netherlands Commodities Act, Norway Product Regulation Chapter 2 Section 2-10, EU REACH Annex XVII, Taiwan CNS 15290, Vietnam 37/2015/TT-BCT	
21.3	Dimethylfumarate	DMFu	624-49-7	<0.1 mg/kg	NA		EU REACH Annex XVII, Korea safety quality mark, GB 30585, GB 25038, Taiwan CNS 15331, Swiss Chem RRV 814.81	Limit updated
21.4	Vinyl chloride monomer	VCM	75-01-4	<1 mg/kg (PVC, synthetic leather)			CHINA GB 21550, GB 24429	
21.5	Isocyanates		Varies	MDI / HDI: 1 ppm (free); 50 ppm (blocked) IPDI / TMXDI: 1 ppm (free); 100 ppm (blocked) TDI: 1 ppm (free); 15 ppm (blocked)			Amer Sports / Footwear RSL	
21.6	Formamide		75-12-7	<200 mg/kg	<1000 mg/kg		OEKO-TEX standard 100, Taiwan CNS 15493	Limit updated
21.7	N,N-Dimethylacetamide	DMAC	127-19-5	<500 mg/kg <1000 mg/kg for materials made of PAN, EL, PU and araides, coated textiles			EU REACH Annex XVII; Oeko-Tex Standard 100; US California Proposition 65	Limit updated
21.8	N,N-Dimethylformamide	DMFa	68-12-2	<500 mg/kg				
21.9	1-Methyl-2-Pyrrolidone	NMP	872-50-4	<500 mg/kg <1000 mg/kg for materials made of PAN, EL, PU and araides, coated textiles				
21.10	Bisphenol A	BPA	80-05-7	Usage ban <1 mg/kg (0.1 mg/kg for food contact)	<1 mg/kg (virgin fibre) <10 mg/kg (recycled material)		Amer Sports; (EU) No. 10/2011; US California Proposition 65	Limit updated
21.11	Quinoline		91-22-5	<50 mg/kg			EU REACH Annex XVII Entry 72	
21.12	Dibutylhydroxytoluene	BHT	128-37-0	<25 mg/kg			Amer Sports	
21.13	Polyvinyl Chloride	PVC	9002-86-2	Usage ban*			Amer Sports	
21.14	Acetophenone		98-86-2	<50 mg/kg			Amer Sports	
21.15	2-Phenyl-2-Propanol		617-94-7	<50 mg/kg			Amer Sports	
22. Pesticides and Herbicides, Agricultural								
22.1	2,4,5-trichlorophenoxyacetic acid, its salts and compounds	2,4,5-T	93-76-5					
22.2	2,4-Dichlorophenoxy acetic acid	2,4-D	94-75-7					
22.3	Aldrine		309-00-2					
22.4	Azinophosmethyl		86-50-0					
22.5	Azinophosethyl		2642-71-9					
22.6	Bromophos-ethyl		4824-78-6					
22.7	Diazinone		333-41-5					
22.8	Dichloroprop		120-36-5					
22.9	Dicrotophos		141-66-2					
22.10	Dieldrine		60-57-1					
22.11	Dimethoate		60-51-5					
22.12	Dinoseb, its salts and acetate		88-85-7					
22.13	Isodrine		465-73-6					
22.14	Kelevane		4234-79-1					
22.15	Kepone		143-50-0					
22.16	Lindane		58-89-9					
22.17	Malathione		121-75-5					

Substances	Abbreviation	CAS N°	Usage range			Countries and regulation names	Changes compare to previous RSL
			Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
22.18	MCPA	94-74-6					
22.19	MCFB	94-81-5					
22.20	Captafol	2425-06-1					
22.21	Carbaryl	63-25-2					
22.22	Chlorbenzilat	510-15-6					
22.23	Chlordane	57-74-9					
22.24	Chlordimeform	6164-98-3					
22.25	Chlorfenvinphos	470-90-6					
22.26	Coumaphos	56-72-4					
22.27	Cyfluthrin	68359-37-5					
22.28	Cyhalothrin	91465-08-6					
22.29	Cypermethrin	52315-07-8					
22.30	S,S,S-Tributyl phosphorotrithioate (Tribufos)	78-48-8					
22.31	Deltamethrin	52918-63-5					
22.32	Dichlorodiphenyldichloroethane	DDD 53-19-0 / 72-54-8					
22.33	Dichlorodiphenyldichloroethylene	DDE 3424-82-6 / 72-55-9					
22.34	Dichlorodiphenyltrichloroethane	DDT 50-29-3 / 789-02-6					
22.35	Endosulfan	115-29-7					
22.36	Endosulfan I (alpha)	959-98-8					
22.37	Endosulfan II (beta)	33213-65-9					
22.38	Endrine	72-20-8					
22.39	Esfenvalerate	66230-04-4					
22.40	Ethylparathion; Parathion	56-38-2					
22.41	Fenvalerate	51630-58-1					
22.42	Heptachlor	76-44-8					
22.43	Heptachloroepoxide	1024-57-3					
22.44	Mecoprop	93-65-2					
22.45	Metamidophos	10265-92-6					
22.46	Methoxychlor	72-43-5					
22.47	Mirex	2385-85-5					
22.48	Monocrotophos	6923-22-4					
22.49	Parathion-methyl	298-00-0					
22.50	Phosdrin/Mevinphos	7786-34-7					
22.51	Perthane	72-56-0					
22.52	Propethamphos	31218-83-4					
22.53	Profenophos	41198-08-7					
22.54	Quinalphos	13593-03-8					
22.55	Quintozene	82-68-8					
22.56	Strobane	8001-50-1					
22.57	Telodrine	297-78-9					
22.58	Toxaphene	8001-35-2					
22.59	Trifluraline	1582-09-8					
22.60	Clothianidin	210880-92-5					
22.61	Dinotefuran	165252-70-0					
22.62	Imidacloprid (ISO)	138261-41-3					
22.63	Phosphamidon	13171-21-6					
22.64	Thiamethoxam	153719-23-4					
22.65	Tiacloprid	111988-49-9					
22.66	Hexachlorobutadiene	87-68-3					
22.67	α-Hexachlorocyclohexane with & without Lindane	319-84-6					
22.68	β-Hexachlorocyclohexane with & without Lindane	319-85-7					
22.69	γ-Hexachlorocyclohexane with & without Lindane	319-86-8					
22.70	Acetamiprid	135410-20-7 / 160430-64-8					
22.71	Aldicarb	116-06-3					
22.72	Nitenpyram	150824-47-8					
22.73	2-(2,4,5-trichlorophenoxy) propionic acid, its salts and compounds	2,4,5-TP 93-72-1					
22.74	imidazole	DTTB 63405-99-2					
22.75	Dicofol	115-32-2					
22.76	Chlorthalonil	1897-45-6					
22.77	Tolylfluamide	731-27-1					
23. Biocides							
23.1	2-Chloroacetamide	79-07-2			<50 mg/kg		
23.2	5-Chloro-2-Methyl-4-Isothiazolin-3-one (CIT)	CIT 26172-55-4			<50 mg/kg		
23.3	2-Mercaptobenzothiazole (MBT)	1 149-30-4			<50 mg/kg		
23.4	2-Methyl-4-Isothiazolin-3-one	MIT 2682-20-4			<50 mg/kg		
23.5	2-n-Octyl-4-isothiazolin-3-one	OIT 26530-20-1			<50 mg/kg		
23.6	Permethrin	52645-53-1			<50 mg/kg		
24. Halogenated Biphenyls, Halogenated Terphenyls and Halogenated Naphthalenes							
24.1	Polybrominated Naphthalenes	Various					
24.2	Polybrominated Terphenyls	Various					
24.3	Polychlorinated Biphenyls*	PCB 1336-36-3 / 53469-21-9			Usage ban <10 mg/kg		
24.4	Polychlorinated Naphthalenes*	PCN Various					
24.5	Polychlorinated Terphenyls	PCT 61788-33-8					
24.6	Halogenated Diarylalkanes*	Various					
*24.3 Polychlorobiphenyls (PCB)							
24.3.1	2,4,4'-trichlorobiphenyl	PCB 28 7012-37-5					
24.3.2	2,2',5,5'-tetrachlorobiphenyl	PCB 52 35693-99-3					

Substances	Abbreviation	CAS N°	Usage range			Countries and regulation names	Changes compare to previous RSL	
			Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact			
24.3.3	3,3',4,4'-tetrachlorobiphenyl	PCB 77	32598-13-3			EU POPs Regulation (EC) No. 850/2004		
24.3.4	3,4,4',5-tetrachlorobiphenyl	PCB 81	70362-50-4					
24.3.5	2,2',4,5,5'-pentachlorobiphenyl	PCB 101	37680-73-2					
24.3.6	2,3,3',4,4'-pentachlorobiphenyl	PCB 105	32598-14-4					
24.3.7	2,3,3',4,4',5-pentachlorobiphenyl	PCB 114	74472-37-0					
24.3.8	2,3',4,4',5-pentachlorobiphenyl	PCB 118	31508-00-6					
24.3.9	2',3,4,4',5-pentachlorobiphenyl	PCB 123	65510-44-3					
24.3.10	3,3',4,4',5-pentachlorobiphenyl	PCB 126	57465-28-9					
24.3.11	2,2',3,4,4',5-hexachlorobiphenyl	PCB 138	35065-28-2					
24.3.12	2,2',4,4',5,5'-hexachlorobiphenyl	PCB 153	35065-27-1					
24.3.13	2,3,3',4,4',5-hexachlorobiphenyl	PCB 156	38380-08-4					
24.3.14	2,3,3',4,4',5'-hexachlorobiphenyl	PCB 157	69782-90-7					
24.3.15	2,3',4,4',5,5'-hexachlorobiphenyl	PCB 167	52663-72-6					
24.3.16	3,3',4,4',5,5'-hexachlorobiphenyl	PCB 169	32774-16-6					
24.3.17	2,2',3,4,4',5,5'-heptachlorobiphenyl	PCB 180	35065-29-3					
24.3.18	2,3,3',4,4',5,5'-heptachlorobiphenyl	PCB 189	39635-31-9					
*24.4 Polychloronaphthalenes (PCN)								
24.4.1	2-chloronaphthalene		91-58-7				EU POPs Regulation (EC) No. 850/2004	
24.4.2	1,2-dichloronaphthalene		20250-69-3					
24.4.3	1,2,3-trichloronaphthalene		50402-52-3					
24.4.4	1,2,3,4-tetrachloronaphthalene		20020-02-4					
24.4.5	1,2,3,5,7-pentachloronaphthalene		53555-65-0					
24.4.6	1,2,3,4,5,6-hexachloronaphthalene		58877-88-6					
24.4.7	1,2,3,4,5,6,7-heptachloronaphthalene		58863-14-2					
24.4.8	Octachloronaphthalene		2234-13-1					
*24.6 Halogenated Diarylalkanes								
24.6.1	Monomethyl-dibromo-diphenyl methane		99688-47-8			EU POPs Regulation (EC) No. 850/2004, Canada SOR/2012-285, Swiss ChemRRV		
24.6.2	Monomethyl-dichloro-diphenyl methane		81161-70-8					
24.6.3	Monomethyl-tetrachloro-diphenyl methane		76253-60-6					
25. Asbestos								
25.1	Actinolite		77536-66-4			EU REACH Annex XVII, US TSCA		
25.2	Amosite		12172-73-5					
25.3	Anthophyllite		77536-67-5					
25.4	Chrysotile		12001-29-5					
25.5	Crocidolite		12001-28-4					
25.6	Tremolite		77536-68-6					
26. Dioxins and furans								
26.1	1,2,3,7,8-pentachlorodibenzo-p-dioxin	*Group 1	40321-76-4			European Union POPs Regulation (EC) No. 850/2004, Germany ChemikalienverbotsVO		
26.2	2,3,4,7,8-pentachlorodibenzo-furan	*Group 1	57117-31-4					
26.3	2,3,7,8-tetrachlorodibenzo-furan	*Group 1	51207-31-9					
26.4	2,3,7,8-tetrachlorodibenzo-p-dioxin	*Group 1	1746-01-6					
26.5	1,2,3,4,7,8-hexachlorodibenzo-p-dioxin	*Group 2	39227-28-6					
26.6	1,2,3,6,7,8-hexachlorodibenzo-p-dioxin	*Group 2	57653-85-7					
26.7	1,2,3,6,7,8-hexachlorodibenzofuran	*Group 2	57117-44-9					
26.8	1,2,3,7,8,9-hexachlorodibenzo-p-dioxin	*Group 2	19408-74-3					
26.9	1,2,3,7,8,9-hexachlorodibenzofuran	*Group 2	72918-21-9					
26.10	1,2,3,7,8-pentachlorodibenzofuran	*Group 2	57117-41-6					
26.11	2,3,4,6,7,8-hexachlorodibenzofuran	*Group 2	60851-34-5					
26.12	1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin	*Group 3	35822-46-9					
26.13	1,2,3,4,6,7,8-heptachlorodibenzofuran	*Group 3	67562-39-4					
26.14	1,2,3,4,6,7,8,9-octachlorodibenzo-p-dioxin	*Group 3	3268-87-9					
26.15	1,2,3,4,6,7,8,9-octachlorodibenzofuran	*Group 3	39001-02-0					
26.16	1,2,3,4,7,8,9-heptachlorodibenzofuran	*Group 3	55673-89-7					
26.17	1,2,3,7,8-pentabromodibenzo-p-dioxin	*Group 4	109333-34-8					
26.18	2,3,4,7,8-pentabromodibenzofuran	*Group 4	131166-82-2					
26.19	2,3,7,8-tetrabromodibenzofuran	*Group 4	67733-57-7					
26.20	2,3,7,8-tetrabromodibenzo-p-dioxin	*Group 4	50585-41-6					
26.21	1,2,3,4,7,8-hexabromodibenzo-p-dioxin	*Group 5	110999-44-5					
26.22	1,2,3,6,7,8-hexabromodibenzo-p-dioxin	*Group 5	110999-45-6					
26.23	1,2,3,7,8-pentabromodibenzofuran	*Group 5	107555-93-1					
26.24	1,2,3,7,8,9-hexabromodibenzo-p-dioxin	*Group 5	110999-46-7					
27. Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)								
27.1	Lead	Pb	7439-92-1		<1000 mg/kg	EU RoHS (Directive 2011/65/EU), Japan JIS C 0950, Taiwan CNS 15663		
27.2	Cadmium	Cd	7440-43-9		<100 mg/kg			
27.3	Mercury	Hg	7439-97-6		<1000 mg/kg			
27.4	Chromium VI	Cr VI	18540-29-9		<1000 mg/kg			
27.5	Polybrominated biphenyl	PBBs	Various		<1000 mg/kg			
27.6	Polybrominated diphenyl ether	PBDEs	Various		<1000 mg/kg			
27.7	Butyl benzyl phthalate	BBP	85-68-7		<1000 mg/kg			
27.8	Dibutyl phthalate	DBP	84-74-2		<1000 mg/kg			
27.9	Di(ethylhexyl) phthalate	DEHP	117-81-7		<1000 mg/kg			
27.10	Diisobutyl phthalate	DIBP	84-69-5		<1000 mg/kg			
28. Packaging and Packaging Waste								
28.1	Lead	Pb	7439-92-1			EU Directive 94/62/EC, US Model Toxics in Packaging Legislation - Toxics in Packaging Clearing House (TPCH)		
28.2	Cadmium	Cd	7440-43-9					
28.3	Mercury	Hg	7439-97-6					
28.4	Chromium VI	Cr(VI)	18540-29-9					



Substances	Abbreviation	CAS N°	Usage range			Countries and regulation names	Changes compare to previous RSL
			Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
28.5	Phthalates	Various		Sum <100 mg/kg (sum)			
28.6	perfluoroalkyl and polyfluoroalkyl substances	PFAS	Various	Measured by Total Fluorine <50 mg/kg		Model Toxics in Packaging Legislation - Toxics in Packaging Clearing House (TPCH), Amer Sports	Limit updated
28.7	Cobalt dichloride	7646-79-9		<1000 mg/kg		EU REACH SVHC	
29. EU Battery Directive							
29.1	Cadmium	Cd	7440-43-9	< 0.002%		EU Battery Directive	
29.2	Mercury	Hg	7439-97-6	< 0.0005%			

Amer Sports RSL Testing Matrix for Non-Apparel products																								
Substances (Detail in Amer Sports Restricted Substance List for Non-Apparel products)		Next to skin use and children (5 months to 14 years) articles	Occasional skin contact	No skin contact	Sep. 2024														Recommended Test Method (always use the latest test method update)					
					Natural Fibers	Synthetic Fibers	Natural & Synthetic Blends	Artificial Leather	Genuine Leather	Natural Materials	Metals	Porcelain, Ceramic, Glass, etc.	Feathers & Down	EVA	PU Foam	PU & TPU	Rubber	Poly-carbonate		ABS	PVC*	Other Foams, Plastics & Polymers	Coatings & Prints	Glues & Adhesives
1	Amines	Aniline	<20 mg/kg	Non-Leather <50 mg/kg Leather <100 mg/kg	2	2	2	2	2	2												EN ISO 14362-1 for Textiles EN ISO 17234-1 for Leather		
2	Azo dyes/Aromatic Amines		<20 mg/kg		1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A												EN ISO 14362-1 & 3 for Textiles EN ISO 17234-1 & 2 for Leather		
3	Dyes, Forbidden & Disperse		<30 mg/kg		1 ^A	1 ^A	1 ^A	1 ^A														DIN 54231 Or DIN EN ISO 16373-2		
4	Dyes, Navy Blue		<20 mg/kg		2 ^A	2 ^A																DIN 54231 Or DIN EN ISO 16373-2		
5	Heavy metals - Total Content		not applicable to Glass Crystal	<90 mg/kg	2		2	1	2		1	1 ^B		1	1	1	1	1	1	1	1	2		
				<40 mg/kg	2		2	1	2		1	1		1	1	1	1	1	1	1	1	2		
				<100 mg/kg Wood: Not Detected (D.L. 5 mg/kg)	2		2	1	2	1 ^{Wood}	1			1	1	1	1	1	1	1	1	1	2	
				<0.5 mg/kg	2		2	1	2		1			1	1	1	1	1	1	1	1	1	2	
				<0.5 mg/kg Leather <3 mg/kg	2		2	1	2		1			1	1	1	1	1	1	1	1	1	2	
			<0.5 mg/kg Leather <3 mg/kg																			ISO 10195 method A2 - Determination ISO 17075-1/17075-2		
6	Heavy metals - Extractable		<0.2 mg/kg	<1 mg/kg	NA	1	1	1	2	1			2	2	2	2	2	2	2	2	2	2		
				<0.1 mg/kg	NA	1	1	1	2	1			2	2	2	2	2	2	2	2	2	2	2	
				<0.2 mg/kg	NA	1	1	1	2	1			2	2	2	2	2	2	2	2	2	2	2	2
				<30 mg/kg	NA	1	1	1	2	1			2	2	2	2	2	2	2	2	2	2	2	2
				<0.02 mg/kg	NA	1	1	1	2	1			2	2	2	2	2	2	2	2	2	2	2	2
				<1 mg/kg	NA	1	1	1	2	1			2	2	2	2	2	2	2	2	2	2	2	2
				<1 mg/kg (textile); < 200 mg/kg (leather)	< 2mg/kg (textile); < 200 mg/kg (leather)	NA	1	1	1	2														
				< 0.5 mg/kg (textile)	< 0.5 mg/kg (textile)	NA	1	1	1	2														
				<1 mg/kg	<4 mg/kg	NA	1	1	1	2	1			2	2	2	2	2	2	2	2	2	2	2
				< 25mg/kg (not applicable to recycled material)	< 50mg/kg (not applicable to recycled material)	NA	1	1	1	2	1			2	2	2	2	2	2	2	2	2	2	2
				<1000 mg/kg		NA	1	1	1	2	1			2	2	2	2	2	2	2	2	2	2	2
				<100 mg/kg		NA	1	1	1	2	1			2	2	2	2	2	2	2	2	2	2	2
7	Heavy Metals - Migration/Soluble		<90 mg/kg	NA				1					2		1	1	1	1	1	1	1	1		
			<40 mg/kg	NA				1					2		1	1	1	1	1	1	1	1		
			<60 mg/kg	NA				1					2		1	1	1	1	1	1	1	1		
			<60 mg/kg	NA				1					2		1	1	1	1	1	1	1	1		
			<25 mg/kg	NA				1					2		1	1	1	1	1	1	1	1		
			<60 mg/kg	NA				1					2		1	1	1	1	1	1	1	1		
			<500 mg/kg	NA				1					2		1	1	1	1	1	1	1	1		
			<1000 mg/kg	NA				1					2		1	1	1	1	1	1	1	1		
8	Heavy Metals - Release	Nickel (Ni)	<0.5µg/cm²/week (skin contact only) <0.2µg/cm²/week (piercings)	NA																1 ^C		EN 12472 / EN 1811 (metal parts); EN 16128 (spectacle frames); EN 1811 (for outer coating)		
9	Alkylphenols and Alkylphenols ethoxylated (APEO and AP)		Total APs< 10mg/kg Total APs + APEOs<100 mg/kg		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	APEO in textile: ISO 18254-1; AP in textile: ISO 21084; APEO and AP in leather: ISO 18218-1 and ISO 18254-1	
10	Chlorinated Phenols		Pentachlorophenol (PCP)	<0.05 mg/kg (each)	<0.5 mg/kg (each)	2	2	2		2														
			Tetrachlorophenol (TeCP)			2	2	2		2														
			Trichlorophenol (TriCP)	<0.2 mg/kg	<2 mg/kg	2	2	2		2														
			Dichlorophenol, free (DCP)	<0.5 mg/kg	<3 mg/kg	2	2	2		2														
			Chlorophenol, free (MCP)	<0.5 mg/kg	<3 mg/kg	2	2	2		2														
			Orthophenylphenol (OPP)	Non-leather: <10 mg/kg Leather: <100 mg/kg	Non-leather: <25 mg/kg Leather: <750 mg/kg	2	2	2	2	1														
11	Flame retardants	Details in RSL	<10 mg/kg (each)		2 ^B	2 ^B	2 ^B	2 ^B	2 ^B	2 ^B	2 ^B	2 ^B	2 ^B	2 ^B	2 ^B	2 ^B	2 ^B	2 ^B	2 ^B	2 ^B	2 ^B	Phosphorus ISO 17881-2 Brominated ISO 17881-1 Inorganic compounds: Acid digestion, ICP-OES/ICP-MS/AAS * Flame retardants could be also found in recycled plastic matrix		
12	Chlorinated paraffins	Short-chain Chlorinated Paraffins (SCCPs) (C10-C13) Medium-chain Chlorinated Paraffins (MCCPs) (C14-C17)	SCCP: Plastic / Coating <50 mg/kg Leather <50 mg/kg Textile <50 mg/kg SCCP + MCCP: Non-leather< 50 mg/kg										2	2	1	1	2	2	1	2		ISO 18219-1/2 (leather); ISO 22818 (textile and all other materials)		
13	Organotin compounds		Tributyltin (TBT)	<0.5 mg/kg		2	2	2	1	2					1	1	1		1	1	1	1		
			Triphenyltin (TPHT)	<0.5 mg/kg		2	2	2	1	2					1	1	1		1	1	1	1		
			Dibutyltin (DBT)	< 1 mg/kg (each)		2	2	2	1	2					1	1	1		1	1	1	1		
			Others (details in RSL)	< 1 mg/kg (each)		2	2	2	1	2					1	1	1		1	1	1	1		
14	Perfluorinated and Polyfluorinated Chemicals (PFAS)		PFOS and its Derivatives	<1 µg/m²		1 ^A	1 ^A	1 ^A	1 ^A	1 ^A			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A		
			PFOA and its Salts	<25 µg/kg		1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	
			PFOA Related Substances	<1000 µg/kg, sum		1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	
			PFCA C9-C14	<25 µg/kg (the sum of the PFCA and their salts) or <260 µg/kg (the sum of C9-C14 PFCA-related substances)		1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	
			Other PFAS (details in RSL)	<100 µg/kg <1000 µg/kg (details in RSL)		1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A
	PFAS as measured by total organic fluorine	Measured by Total Fluorine <50 mg/kg (Not applicable to SK binding until next notification)		1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1		

Substances (Detail in Amer Sports Restricted Substance List for Non-Appear Products)	Next to skin use and children (24 months to 14 years) articles	Occasional skin contact	No skin contact	Natural Fibers	Synthetic Fibers	Natural & Synthetic Blends	Artificial Leather	Genuine Leather	Natural Materials	Metals	Porcelain, Ceramic, Glass, etc.	Feathers & Down	Polymers										Coatings & Prints	Glues & Adhesives	Packaging Materials	Recommended Test Method (always use the latest test method update)
													EVA	PU Foam	PU & TPU	Rubber	Poly-carbonate	ABS	PVC*	Other Foams, Plastics & Polymers						
15 Phthalates	Details in RSL	<1000 mg/kg (sum) <500 mg/kg (each)					1						1	1	1	1	2	2	1	1	1	1			Sample preparation: CPSC-CH-C1001-09.4 Determination by GC/MS	
16 Polycyclic Aromatic Hydrocarbons (PAHs)	PAHs, details in RSL	Each of below 8 PAHs: Benzo(a)pyrene, Benzo(e)pyrene, Benzo(a)anthracene,					2						1*	1*	1*	1			1*	1*	1*				ISO16190, AFPS GS 2019; EN 17132	
17 Chlorinated benzenes and toluenes	Details in RSL	<1 mg/kg (sum)			2	2	2																		EN 17137	
18 Nitrosamines	N-Nitrosodimethylamine																2								EN ISO 19577 with LC/MS/MS verification if positive	
	N-Nitrosodiethylamine																2									
	N-Nitrosodipropylamine																2									
	N-Nitrosodibutylamine																2									
	N-Nitrosopiperidine	<0.5 mg/kg (each)															2	2								
	N-Nitrosopyrrolidine																2									
	N-Nitrosomorpholine																2									
	N-Nitroso-N-methylaniline																2									
19 UV Stabilizers	UV-320 UV-327 UV-328 UV-350	<1000 mg/kg (each)											2	2	2	2	2	2	2	2	2	2			ISO 24040 with extraction in THF, analysis by GC/MS	
20 Volatile Organic Compounds (VOC)	Benzene	<5 mg/kg					2						2	2	2	2	2	2	2	2	2	2	1		For general VOC screening: GC/MS headspace 45 minutes at 120 degrees C	
	Phenol	<20 mg/kg	<50 mg/kg				2						2	2	2	2	2	2	2	2	2	2	1			
	Others (details in RSL)	<1000 mg/kg (each)																					1			
21 Miscellaneous	pH value	Textile: 4.0-7.5 Leather: 3.5-7.0 (to minimize Cr VI formation during tanning and processing, pH 3.5-4.5 is recommended)					1	1	1	1	1														ISO 3071 or GB/T 7573 (textile) ISO 4045 (leather)	
	Formaldehyde	<75 mg/kg <16 mg/kg for Babies (<3 years old)	<75 mg/kg	<300 mg/kg	1	1	1	2	1	1*						2						1	1		Non-Leather: ISO 14184-1 or GB/T 2912.1 or CNS 15580-1 Leather: GB/T 19941 or EN ISO 17226-2 with EN ISO 17226-1 confirmation method in case of interferences	
		NA		<80 mg/kg						1*															EN 717-3 for Wood-based panels	
	Dimethylfumarate (DMFu)	<0.1 mg/kg	NA		1*	1*	1*	1*	1*	1*			1*	1*	1*	1*	1*	1*	1*	1*	1*	1*	1*		ISO 16186	
	Vinyl chloride monomer (VCM)	<1 mg/kg (PVC, synthetic leather)																					1		EN ISO 6401	
	Isoocyanates	MDI / HDI: 1 ppm (free); 50 ppm (blocked) IPDI / TMDXI: 1 ppm (free); 100 ppm (blocked) TDI: 1 ppm (free); 15 ppm (blocked)				1*	1*	1*								1*										EN 13130-8 (free); ISO 10283 (block)
	Formamide	<200 mg/kg	<1000 mg/kg											1									2		Solvent extraction, GC/MS	
	N,N-Dimethylformamide (DMFA)	<1000 mg/kg for materials made of PAN, EL, PU and arades, coated textiles														1	1						1*	1*	Textiles: EN 17131 All other materials: ISO 16189	
	N,N-Dimethylacetamide (DMAC)	<500 mg/kg															2	2					2	2		
	1-Methyl-2-Pyrrolidone (NMP)	<500 mg/kg															2	2					2	2		
	Bisphenol A (BPA)	<1000 mg/kg for materials made of PAN, EL, PU and arades, coated textiles																								Solvent extraction/ GC-MS/LC-MS; Test Protocol of Case No. C5C-22-598022 (Spandex blend)
		Usage ban: <1 mg/kg (0.1 mg/kg for food contact)	<1 mg/kg (single use) <10 mg/kg (recycled material)											1*	1*	2	1*						2	2		
	Quinoline	<50 mg/kg				2	2																		DIN 54231	
Dibutylhydroxytoluene (BHT)	<25 mg/kg																							1*	ASTM D4275	
Polyvinyl Chloride (PVC)	Negative*																						2	1*	Bellstein test and confirmation with FTIR	
Acetophenone	<50 mg/kg												1												Extraction in acetone or methanol GC/MS, sonication for 30 minutes at 60 degrees C	
2-Phenyl-2-Propanol	<50 mg/kg												1													
22 Pesticides and Herbicides, Agricultural	Details in RSL	<0.5 mg/kg (each)			2			2	2																Solvent extraction, GC/MS or LC/MS	
23 Biocides	2-Chloroacetamide				1			2	2	2	2														EN ISO 13365-1	
	5-Chloro-2-Methyl-4-Isothiazolin-3-one (CIT)				1			2	2	2	2															
	2-Mercaptobenzothiazole				1			2	2	2	2															
	2-Methyl-4-Isothiazolin-3-one	<0.5 mg/kg (each)			1			2	2	2	2															
	2-n-Octyl-4-Isothiazolin-3-one				1			2	2	2	2															
	Permethrin				1			2	2	2	2															
24 Halogenated Biphenyls, Halogenated Terphenyls and Halogenated Naphthalenes	Polybrominated Naphthalenes				2	2	2	2	2				2	2	2	2	2	2	2	2	2	2	2		Solvent extraction, GC/MS or LC/MS	
	Polybrominated Terphenyls				2	2	2	2	2				2	2	2	2	2	2	2	2	2	2	2			
	Polychlorinated Biphenyls (PCB)				2	2	2	2	2				2	2	2	2	2	2	2	2	2	2	2			
	Polychlorinated Naphthalenes (PCN)			Usage ban <10 mg/kg	2	2	2	2	2				2	2	2	2	2	2	2	2	2	2	2			
	Polychlorinated Terphenyls (PCT)				2	2	2	2	2				2	2	2	2	2	2	2	2	2	2	2			
Halogenated Diarylethanes				2	2	2	2	2				2	2	2	2	2	2	2	2	2	2	2				
25 Asbestos	Actinolite Amosite Anthophyllite Chrysotile	Not Detected																							Microscopic Analysis	

Appendix H. Guidance on products and materials corresponding to Restricted Substance List

For guidance purposes, Amer Sports provides examples of products and materials to which the Amer Sports RSL is applied, including but not limited to those listed as follows:

Products and corespondend RSL

RSL for Apparel		RSL for Non-Apparel	
Apparel	Accessories	Footwear	Accessories
<ul style="list-style-type: none"> • Dresses • Jackets • Pants/trousers • Polos • Shirts • Shorts • Skirts • Sweaters • Sweatshirts and hoodies • Underwear • Vests 	<ul style="list-style-type: none"> • Headbands • Headwears • Gloves (e.g. winter) • Running vest • Scarves • Socks 	<ul style="list-style-type: none"> • Boots • Forces (Military and Tactical) • Lifestyle • Running, hiking • Sandals • Slippers • Sports (e.g. Tennis) 	<ul style="list-style-type: none"> • Backpacks • Belts • Chalk bags • Golf bags • Handbags • Rope bags • Running packs & belts • Shoelaces • Sunglasses • Team sports bags

RSL for Non-Apparel			
Equipments	Electronic Equipments	Food Contact Article	Packaging Materials
<ul style="list-style-type: none"> • Balls • Bicycles • Bindings • Boards • Chest protectors • Goggle • Harness • Helmets • Poles • Rackets • Shin and leg guards • Skis • Team Sports Gloves 	<ul style="list-style-type: none"> • Dive computers • Fitness trackers • Heart-rate monitors • Sports watches 	<ul style="list-style-type: none"> • Cups • Drinking bottles • Flasks • Reservoirs • Straws 	<ul style="list-style-type: none"> • Antimicrobial stickers • Bead chain • Boxes/cartons • Expanded foam materials • Eyelets/grommets • Hang tags • Labels, adhesive • Magnets • Pins • Plastic cases • Poly bags • Price tags • Retail carry bags • Shipping boxes/ cartons • Silica gel/desiccant • Stickers • Stuffing materials • Tapes • UPC tags

Examples of Materials

Natural Fibers	Synthetic Fibers	Natural & Synthetic Blends	Artificial Leather
<ul style="list-style-type: none"> • Cotton • Wool • Silk • Hemp • Cashmere • Linen • Fur • Rayon (Semisynthetic) • Lyocell (Semisynthetic) 	<ul style="list-style-type: none"> • Polyester • Acrylic • Nylon • Polyamide • Spandex/ Elastane 	<ul style="list-style-type: none"> • Cotton-Polyester • Wool-Nylon • Ramie-Polyester • Cotton-Spandex 	<ul style="list-style-type: none"> • Polyurethane (PU) • Polyvinyl Chloride (PVC)

Genuine Leather	Natural Materials	Metals	Porcelain, Ceramic, Glass..etc.
<ul style="list-style-type: none"> • Leather 	<ul style="list-style-type: none"> • Horn • Bone • Cork • Wood • Paper • Straw • Stone 	<ul style="list-style-type: none"> • Stainless steel • Brass • Copper • Gold • Silver • Aluminum • Alloy 	<ul style="list-style-type: none"> • Glass • Synthetic stone • Porcelain • Ceramic • Crystal

Feathers & Down	Polymers	Coatings & Prints	Glues & Adhesives
<ul style="list-style-type: none"> • Feathers • Down 	<ul style="list-style-type: none"> • Ethylene vinyl acetate (EVA) • Polystyrene (PS) • Polyethylene (PE) • Acrylonitrile butadiene styrene (ABS) • Neoprene • Polypropylene (PP) • Polycarbonate (PC) • Polyamide (PA) • Polyurethane (PU) • Polyvinyl chloride (PVC) • Thermoplastic polyurethane (TPU) • Thermoplastic elastomer (TPE) • Styrene ethylene butylene styrene (SEBS) 	<p>Printing techniques such as:</p> <ul style="list-style-type: none"> • Heat transfers • Dye sublimation printing • Screen printing • Direct-to-garment printing • Discharge printing • Plastisol transfers <p>Coatings such as:</p> <ul style="list-style-type: none"> • Polyvinyl chloride (PVC) • Polyurethane (PU) • UV-cured 	<ul style="list-style-type: none"> • Hot melt adhesive • Powdered adhesive • Flock adhesive • Contact adhesive • Latex glue • Polyurethane glue • Neoprene cement • Epoxies • Silicone adhesive • UV-cured adhesive

Note: This table provides examples of materials within each category but is not all-inclusive.