



Revision History		
Date - Rev	Responsible	Description
6/16/18 - A	D. Garcia	Issue
3/17/21 - B	R.Jacobsen	Added in IMDS requirements
5/13/21 - C	A. Hoch	Added Fabric Coatings 3.5 and Conflict Materials 3.6 Sections

## **1.0 PURPOSE**

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1.1 The purpose of this standard is to inform Yakima Products' suppliers of chemicals and substances that are restricted or prohibited.

## **2.0 SCOPE**

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2.1 This document applies to all raw material, – components, and assemblies, and finished goods shipped to or included in parts and assemblies shipped to Yakima Products.

2.2 This document does not apply to items used in the manufacturing process that are not shipped with the finished products, parts or assemblies. It is not applicable to packaging materials or instructions.

## **3.0 RESTRICTED SUBSTANCES**

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### **3.1 Yakima will comply with International Standards for use of Restricted Substances using the following Standards**

- 3.1.1 REACH Annex XVII (Registration, Evaluation, Authorization and Restriction of Chemicals)
- 3.1.2 RoHS 3 (Regulation for Restriction of Hazardous Substances Directive)
- 3.1.3 California Proposition 65
- 3.1.4 Fabric Coatings (soft goods only)
- 3.1.5 Conflict Materials



### 3.2 REACH (Registration, Evaluation, Authorization and Restriction of Chemicals)

3.2.1 The link below shows the current list of substances restricted under REACH Annex XVII. Chemicals and substances on the restricted list should not be used above the prescribed amounts in the manufacturing of goods or materials supplied to Yakima.

3.2.2 REACH Annex XVII Substances List: <https://echa.europa.eu/substances-restricted-under-reach>

3.2.3 Additional resources for REACH Annex XVII:  
[http://guidance.echa.europa.eu/docs/fact\\_sheets/articles\\_en.pdf](http://guidance.echa.europa.eu/docs/fact_sheets/articles_en.pdf)  
[http://www.chemsafetypro.com/Topics/EU/REACH Restricted Substances List RRS Finder.html](http://www.chemsafetypro.com/Topics/EU/REACH_Restricted_Substances_List_RRS_Finder.html)

### 3.3 RoHS (Regulation for Restriction of Hazardous Substances Directive)

3.3.1 The following substances are restricted per RoHS3, Directive 2015/863 and should not be found in goods or materials supplied to Yakima nor used above the prescribed amounts in the manufacturing of goods or materials supplied to Yakima.

3.3.1.1 Lead (Pb): < 1000 ppm

3.3.1.2 Mercury (Hg): < 100 ppm

3.3.1.3 Cadmium (Cd): < 100 ppm

3.3.1.4 Hexavalent Chromium: (Cr VI) < 1000 ppm

3.3.1.5 Polybrominated Biphenyls (PBB): < 1000 ppm

3.3.1.6 Polybrominated Diphenyl Ethers (PBDE): < 1000 ppm

3.3.1.7 Bis(2-Ethylhexyl) phthalate (DEHP): < 1000 ppm

3.3.1.8 Benzyl butyl phthalate (BBP): < 1000 ppm

3.3.1.9 Dibutyl phthalate (DBP): < 1000 ppm

3.3.1.10 Diisobutyl phthalate (DIBP): < 1000 ppm

3.3.2 Link to RoHS guide: <http://www.rohsguide.com/>



### 3.4 California Proposition 65

3.4.1 The link below shows the current list of substances restricted under California Proposition 65.

3.4.2 California Proposition 65 List: <https://oehha.ca.gov/proposition-65/proposition-65-list>

3.4.3 Products manufactured or sold by Yakima must comply with California Proposition 65. To comply the product must either:

3.4.3.1 Not expose consumers to substances identified in the Proposition 65 list.  
The easiest method to prevent exposure is to avoid use of the listed substances.

Or

3.4.3.2 Label the product with a warning per Proposition 65 guidelines if there is a risk of consumer exposure to any substances identified in the Proposition 65 list.

3.4.4 More information on Proposition 65: <https://oehha.ca.gov/proposition-65/general-info/proposition-65-plain-language>



### 3.5 Fabric Coatings (soft goods only)

3.5.1 The following substances are prohibited in flame retardants.

#### 3.5.1.1

3296-90-0	BBMP	2,2-bis(bromomethyl)-1,3-propanediol
5412-25-9	BDBPP	Bis phosphate
3194-55-6	HBCD	Hexabromocyclododecane
25673-99-4	HBCD	Hexabromocyclododecane
134237-50-6	HBCD	Hexabromocyclododecane
134237-51-7	HBCD	Hexabromocyclododecane
134237-52-8	HBCD	Hexabromocyclododecane
59536-65-1	PBBs	Polybrominated biphenyls
Several	PBDEs	Polybrominated diphenyl ethers
40088-47-9	TetraBDE	Tetrabromodiphenyl ether
32534-81-9	pentaBDE	Penta-bromodiphenyl ether
36483-60-0	HexaBDE	Hexabromodiphenyl ether
68928-80-3	HeptaBDE	Heptabromodiphenyl ether
32536-52-0	octaBDE	Octa-bromodiphenyl ether
1163-19-5	DecaBDE	Decabromodiphenyl ether
85535-84-8	SCCPC10-C13	Short-chain chlorinated paraffins
79-94-7	TBBPA	Tetrabromobisphenol A
512-56-1		Trimethyl phosphate
545-55-1	TEPA	Tris phosphine oxide
126-72-7	TRIS	Tris phosphate...
13674-87-8	TDCPP	Tris phosphate...
115-96-8	TCEP	Tris phosphate...

3.5.2 The following substances are restricted in water repellents.

3.5.2.1 Long chain per- and polyfluorakyl PFAS

### 3.6 Conflict Materials

3.6.1 Ensure there is no sourcing of 3TG (Tin, Tantalum, Tungsten, Gold) substances from Conflict Affected and High Risk Areas (CAHRA).

3.6.1.1 European Union Conflict Mineral Regulation

3.6.1.2 Follow OECD Due Diligence

<https://www.oecd.org/daf/inv/mne/OECD-Due-Diligence-Guidance-Minerals-Edition3.pdf>



## 4.0 REPORTING SUBSTANCES

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- 4.1 All suppliers are responsible for submitting substance makeup of raw material, components, assemblies, or finished goods shipped to Yakima Products or its manufacturers through the IMDS system (www. <https://www.mdsystem.com>). Suppliers must submit material data in accordance with YS2067 Yakima Supplier IMDS Material Reporting Guidelines.
- 4.2 For the parts and substances identified as restricted in section 3.1 above, Yakima requires the supplier to provide one of the following:
- 4.2.1 Certificate of Conformity to each restriction list identified in section 3.1 above (i.e., certification that none of the substances are in, or added to, the parts supplied to Yakima).
- Or
- 4.2.2 A letter on company letterhead stating that none of the substances on any of the lists identified in section 3.1 is used or intentionally added to the parts supplied to Yakima.
- Or
- 4.2.3 If any of the substances are used in parts or assemblies shipped to Yakima Products, then Yakima requires a letter on company letterhead stating the information outlined in section 4.2.3.1 for each part utilizing a restricted substance.
- 4.2.3.1 Reporting of parts or materials with Restricted Substances should include
- 4.2.3.1.1 Yakima Part Number
  - 4.2.3.1.2 Supplier Part Number
  - 4.2.3.1.3 Part Description
  - 4.2.3.1.4 Contains Restricted Substance? (Y/N)
  - 4.2.3.1.5 Restricted Substance Name
  - 4.2.3.1.6 Restricted Substance CAS#
  - 4.2.3.1.7 Restricting Body for the Substance (REACH, RoHS, Pro65, etc)
  - 4.2.3.1.8 Weight of Restricted Substance with units of measure
  - 4.2.3.1.9 Percentage of Restricted Substance as a weight of the part or material.



## YS2046 限用物质清单

### 1.0 目的

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1.1 这份标准旨在告知 Yakima 的供应商被限制或者禁止的化学品和物质。

### 2.0 范围

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2.1 本文件适用于所有供应给 Yakima 的产品的部件和组件中的原材料，零部件，装配件和成品。

2.2 本文档不适用于在制造过程中使用但不与成品，零件或组件一起发货的物品。文件也不适用于包装材料或说明书。

### 3.0 限制物质

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#### 3.1 Yakima 在使用以下标准中遵守有关使用限用物质的国际标准

3.1.1 REACH 附录 17（化学品的注册，评估，授权和限制）

3.1.2 RoHS 3（有害物质限制令）

3.1.3 加州 65 号提案

#### 3.2 REACH（化学品注册，评估，授权和限制）

3.2.1 以下链接显示了 REACH 附录 17 中受限化学物质清单。受限清单上的化学品和物质在用于制造供应给 Yakima 的产品或材料时，不得超过规定数量。

3.2.2 REACH 附录 17 所含物质 目录地址:

<https://echa.europa.eu/substances-restricted-under-reach>

3.2.3 REACH 附件 17 的其它资源地址:

[http://guidance.echa.europa.eu/docs/fact\\_sheets/articles\\_en.pdf](http://guidance.echa.europa.eu/docs/fact_sheets/articles_en.pdf)

[http://www.chemsafetypro.com/Topics/EU/REACH\\_Restricted\\_Substances\\_List](http://www.chemsafetypro.com/Topics/EU/REACH_Restricted_Substances_List)

[RRS\\_Finder.html](#)



## YS2046 限用物质清单

### 3.3 RoHS (有害物质限制指令)

3.3.1 根据 RoHS3 中的 2015/863 指令，以下物质的使用受到限制，在制造供应给 Yakima 的产品或材料时，不得使用或者超过规定数量。

3.3.1.1 铅 (Pb): < 1000 ppm

3.3.1.2 水银 (Hg): < 100 ppm

3.3.1.3 镉(Cd): < 100 ppm

3.3.1.4 六价铬 (Cr VI): < 1000 ppm

3.3.1.5 多溴化联苯 (PBB): < 1000 ppm

3.3.1.6 多溴联苯醚 (PBDE): < 1000 ppm

3.3.1.7 邻苯二甲酸二异辛酯 (DEHP): < 1000 ppm

3.3.1.8 邻苯二甲酸丁基基酯 (BBP): < 1000 ppm

3.3.1.9 邻苯二甲酸二丁酯 (DBP): < 1000 ppm

3.3.1.10 邻苯二甲酸二异丁酯 (DIBP): < 1000 ppm

3.3.2 RoHS 指南地址: <http://www.rohsguide.com/>

### 3.4 加州 65 号提案

3.4.1 下面的链接显示了加州 65 号提案中受限的物质清单。

3.4.2 加州 65 号提案中限用物质清单地址: <https://oehha.ca.gov/proposition-65/proposition-65-list>

3.4.3 Yakima 制造或销售的产品必须符合加州第 65 号提案。该产品必须保证:

3.4.3.1 不要让消费者接触到第 65 号提案清单中列出的物质。避免使用所列物质的最简单方法是不要使用它。

或者

3.4.3.2 如果消费者有接触到 65 号提案清单中任何物质的风险，则按照第 65 号提案标准对产品标注警告。

3.4.4 加州 65 号提案的补充信息地址:

<https://oehha.ca.gov/proposition-65/general-info/proposition-65-plain-language>

## 3.5 织物涂层 (仅限纺织品)

3.5.1 阻燃剂中禁止包含以下物质。

### 3.5.1.1

3296-90-0	BBMP	2,2-双(溴甲基)-1,3-丙二醇
5412-25-9	BDBPP	磷酸二氢盐
3194-55-6	HBCD	六溴环十二烷
25673-99-4	HBCD	六溴环十二烷
134237-50-6	HBCD	六溴环十二烷
134237-51-7	HBCD	六溴环十二烷
134237-52-8	HBCD	六溴环十二烷
59536-65-1	PBBs	多溴联苯
Several	PBDEs	多溴二苯醚
40088-47-9	TetraBDE	四溴二苯醚
32534-81-9	pentaBDE	五溴二苯醚
36483-60-0	HexaBDE	六溴二苯醚
68928-80-3	HeptaBDE	七溴二苯醚
32536-52-0	octaBDE	八溴二苯醚
1163-19-5	DecaBDE	十溴二苯醚
85535-84-8	SCCPC10-C13	短链氯化石蜡
79-94-7	TBBPA	四溴双酚 A
512-56-1		磷酸三甲酯
545-55-1	TEPA	三氧化磷
126-72-7	TRIS	磷酸三...
13674-87-8	TDCPP	磷酸三...
115-96-8	TCEP	磷酸三...

3.5.2 防水剂中禁止包含以下物质。

### 3.5.2.1 长链全氟烷基和全氟烷基





### 3.6 冲突材料

3.6.1 确保避免采购 3TG 材料（锡，钽，钨，金）从受冲突影响和高风险地区。

3.6.1.1 欧盟冲突矿产法规

3.6.1.2 遵循经合组织（OECD）的尽职调查框架要求

<https://www.oecd.org/daf/inv/mne/OECD-Due-Diligence-Guidance-Minerals-Edition3.pdf>

## YS2046 限用物质清单

### 4.0 关于限用物质的使用报告

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4.1 所有供应商有责任向 Yakima 或其下级制造厂商提交原材料、零件、组装件、成品的限用物质信息。此类信息应经由 IMDS 系统，提交规范应遵循文件《YS2067 Yakima 供应商 IMDS 物质报告指导》。

4.2 对于上述 3.1 中确定为受限的部件和物质，Yakima 要求供应商提供以下内容中的一项：

4.2.1 上述 3.1 中确定的每个限用物质的合格证（即没有任何物质使用或添加到提供给 Yakima 的部件的认证）。

或者

4.2.2 在公司信函中说明，3.1 所列清单中的任何物质均未被使用或故意添加到提供给 Yakima 的零件中。

或者

4.2.3 如果任何物质被用于提供给 Yakima 的产品零件或组件中，那么 Yakima 要求提供报告，在报告中说明被使用的限用物质的信息，详细见下列 4.42.3.1。

4.2.3.1 使用限用物质的部件或材料的报告应包括

4.2.3.1.1 Yakima 零件号

4.2.3.1.2 供应商零件号

4.2.3.1.3 零件描述

4.2.3.1.4 是否包含限用物质？（Y / N）

4.2.3.1.5 限用物质名称

4.2.3.1.6 限用物质的 CAS 编号

4.2.3.1.7 限用物质规定（REACH, RoHS, Pro65 等）

4.2.3.1.8 受限制物质的重量，以度量单位表示

4.2.3.1.9 限用物质的重量占零件或材料的百分比