



SUPPLIER NON-USE OF HAZARDOUS SUBSTANCES DECLARATION (GEN-123)

Basic Information

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|-----------------------------|--|
| Supplier name: | |
| Address: | |
| Responsible Person/Function | |
| Phone and Fax: | |
| Email: | |

Declaration

Supplier hereby acknowledges and warrants that all products and/ or services, that Supplier and/or its Affiliates¹ directly or indirectly² provide to ams AG and/ or its Affiliates (“ams”) comply with the restrictions on the use of hazardous substances according to national and international environment directives, in its latest version, and the **ams Substance List** (refer to Appendix).

In addition, Supplier shall inform ams before any change of material/ component/ substance, which may have an impact on Supplier’s declaration hereunder and/ or the compliance to **ams Substance List**. This declaration is fully executed in alignment with the Product Change Notifications (PCN) rules agreed between Supplier and ams.

Demonstrate Compliance

In order to demonstrate compliance, Supplier commits to provide upon request related comprehensive, accurate and not manipulated documentation to ams, such as, but not limited to the following: (1) Full Material Declaration (e.g. FMD, MDF, IMDS); (2) Material Safety Data Sheet (MSDS); (3) Test Report (analysis certificate, e.g. ICP).

In case that Supplier fails to comply with the aforementioned declaration, warranty or obligation, in particular in the event that data from these or any other documents are wrong, incomplete, deleted, erased and/ or not declared, Supplier agrees to fully indemnify and hold ams, as well as their employees and officers, harmless from and against any damages, including but not limited to claims, liabilities, penalties, fees and any kind of expenses, which might arise out of the breach of the foregoing declaration and warranty.

Name:

Title, Function:

Date:

Signature/ Company Seal:

¹ **“Affiliate”** means for the purpose of this declaration any existing or future entity, (i) directly or indirectly controlling a party; (ii) under the same direct or indirect control as a party; or (iii) directly or indirectly controlled by a party. For the purposes of this definition “control” means (i) the ownership of the majority of a company’s voting stock or the majority of its voting rights, (ii) the right directly or indirectly to appoint the majority of the members of the managing or administrative board (or of a similar managing authority with the power to represent the company) or (iii) the power to direct, or cause the direction of, the management by contract or otherwise.

² **„indirectly“** means that products and/ or services are provided indirectly to ams, e.g. via its contract manufacturers or distributors, and Supplier is aware that ams is the final customer of such material and/ or services.



Appendix

ams Substance List

ams substance list demonstrates the restrictions and banning of chemicals and its compounds. The minimum requirement for Supplier is the *Threshold Limit (ppm), Minimum* that is derived from directives/ standards/ etc. Tighter controls are to be followed by Supplier if explicitly marked in the checkbox (below). The decision for that is depending on the business nature that the Supplier is delivering material or services in and will be made by ams.

| | | | | | Applicable |
|--|--|---|--|--|--|
| | | | | | <input type="checkbox"/> yes <input type="checkbox"/> no |
| Restrictions in Products | | | | | |
| Chemical Name/ Group | CAS Number | Threshold Limit (ppm), Minimum <i>from Reference Standard</i> | Threshold Limit (ppm), Customer Standard | Reference Standard | |
| Cadmium and compounds (Cd) | 7440-43-9 | 100 | 5 (organic) 50 | RoHS Directive 2011/65/EU | |
| Mercury and compounds (Hg) | 7439-97-6 | 1000 | 800 | | |
| Lead and compounds (Pb) | 7439-92-1 | 1000 | 50 (organic) 800 (inorganic) | | |
| Hexavalent chromium and compounds (Cr+6) | 18540-29-9 | 1000 | 500 | | |
| Polybrominated biphenyls (PBB) | 59536-65-1 several | 1000 | 900 (organic) | | |
| Polybrominated diphenylethers (PBDE) | 1163-19-5 several | 1000 | 900 (organic) | | |
| Butylbenzyl phthalate (BBP) | 85-68-7 | 1000 | 900 (organic) | | EU Directive 2015/863 |
| Dibutyl phthalate (DBP) | 84-74-2 | 1000 | 900 (organic) | Company Policy | |
| Bis(2-ethylhexyl) phthalate (DEHP) | 117-81-7 | 1000 | 900 (organic) | | |
| Diisobutyl phthalate (DIBP) | 84-69-5 | 1000 | 900 (organic) | | |
| Bromine and compounds (Br) | 7726-95-6 several | 900 1500 (Br + Cl) | 900 1500 (Br + Cl) | | IEC 61249-2-21 |
| Chlorine and compounds (Cl) | 7782-50-5 several | 900 1500 (Br + Cl) | 900 1500 (Br + Cl) | IEC 61249-2-21 | |
| REACH Annex XVII | Refer to ECHA website here | As applicable by REACH – REACH Annex XVII | | REACH (EC) 1907/2006 Art. 67 (REACH Annex XVII) | |
| REACH Candidate List of SVHC | Refer to ECHA website here | As applicable by REACH Candidate List of SVHC | | REACH (EC) 1907/2006 Art. 33 and amendments | |



| Chemical Name/ Group | CAS Number | Threshold Limit (ppm), Minimum <i>from Reference Standard</i> | Threshold Limit (ppm), Customer Standard | Reference Standard |
|---|-----------------------|---|--|---|
| Antimony and compounds (Sb) | 7440-36-0 several | 1000 | 700 exemption for Sb ₂ O ₃ for glass, ceramics | Company Policy |
| Arsenic and compounds (As) | 7440-38-2 several | - | 1000 (metals), exempt GaAs semiconductor | Company Policy |
| Asbestos and compounds | 1332-21-4 several | No intentional use | No intentional use | REACH (EC) 1907/2006 and amendments |
| Benzene | 71-43-2 | - | 100 (in wet formulation, e.g. solvents in paints, coatings, adhesives) | Company Policy |
| Beryllium and compounds (Be) | 7440-41-7 several | - | 1000 | Company Policy |
| Bisphenol A (¹⁵ H ¹⁶ O ₂) | 80-05-7 | 1000 | No intentional use (when in contact with skin) | REACH (EC) 1907/2006 (REACH Annex XVII) |
| Hexabromocyclo- dodecane (HBCD or HBCDD) | 25637-99-4 several | 100 (where it is present in substances, mixtures, articles or as constituents of the flame-retarded articles) | No intentional use | Stockholm Convention (EU 2019/1021) |
| n-Propyl bromide (nPB) | 106-94-5 | - | 100 (cleaning solvent, used as an intermediate in the synthesis of quaternary ammonium compounds; solvent in adhesive sprays) | Company Policy |
| Tributyltin (TBT) | 688-73-3 several | 1000 (Sn content) | 1000 (individual); No intentional use (paints, inks, anticorrosive agent) | REACH (EC) 1907/2006 (REACH Annex XVII) |
| Triphenyltin (TPT) | 668-34-8 several | 1000 (Sn content) | | |
| Dibutyltin (DBT) | 1002-53-5 several | 1000 (Sn content) | | |
| Diocetyl tin (DOT) | 15231-44-4 several | 1000 (Sn content) | | |
| Pentadecafluoro- octanoic acid and compounds (PFOA) | 335-67-1 several | 0.025 | <i>only upon individual request:</i> 25 ppb (all materials except textile, coatings) 1 µg/m ² for coatings | Regulation (EU) 2020/784 Norway Product Regulation |
| Perfluorooctane sulfonates and compounds (PFOS) | 1763-23-1 several | ≤1 µg/m ² for coated materials 1000 (other materials) 10 (other substances or mixtures) | ≤1 µg/m ² for coated materials 1000 (other materials) 10 (other substances or mixtures) | Regulation (EU) 2019/1021 |



| Chemical Name/ Group | CAS Number | Threshold Limit (ppm), Minimum <i>from Reference Standard</i> | Threshold Limit (ppm), Customer Standard | Reference Standard |
|--|--|---|---|---|
| Phthalates Group Diisononyl phthalate (DINP) Diisodecyl phthalate (DDP) Di-n-octyl phthalate (DNOP) Di-N-Hexyl+A43 Phthalate (DHP) Bis(2-methoxyethyl) phthalate (DMEP) Diisopentyl phthalate (DIPP) Isopentyl pentyl phthalate (IPP) Di-N-Pentyl Phthalate-D4 (DPP) | 68515-48-0/ 28553-12-0 68515-49-1/ 26761-40-0 117-84-0 84-75-3 117-82-8 605-50-5 776297-69-9 131-18-0 | - | 900 (individual) | Company Policy |
| Polychlorinated diphenyls (PCB) | 1336-36-3 | No intentional use | No intentional use | Stockholm Convention REACH (EC) 1907/2006 and amendments, Annex XVII Japan law concerning the evaluation of chemicals |
| Polychlorinated terphenyls (PCT) | 61788-33-8 | 50 | No intentional use | |
| Polychlorinated naphthalenes (PCN) | 70776-03-3 | No intentional use | No intentional use | |
| Radioactive substances | several | Banned | < detectable levels of ionized radiation in parts, components, materials, and products above regional background levels | Nuclear Leg. in OECD/ NEA countries |
| Red phosphorus and additive phosphorous | 7723-14-0 several | - | 1000 | Company Policy |
| TVOC (toluene, benzene, formaldehyde, phosphine) | 108-88-3 71-43-2 50-00-0 7803-51-2 | - | 20 (finished product) | Company Policy |



| Chemical Name/ Group | CAS Number | Threshold Limit (ppm), Minimum <i>from Reference Standard</i> | Threshold Limit (ppm), Customer Standard | Reference Standard |
|---|--------------------------|---|--|---|
| Chlorinated Paraffins, Short and Medium Chain (SCCP and MCCP); Alkanes | 85535-84-8 85535-85-9 | according to REACH SVHC 1000 | according to REACH SVHC 1000 | REACH (EC) 1907/2006 and amendments Company Policy |
| Tetrabromobisphenol- A (TBBP-A) | 79-94-7 | 900 | 900 | Company Policy |
| Sulfur (S) | 7704-34-9 | - | 10000 (product package/article/compone nt) | Company Policy |

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|--|
| Applicable |
| <input type="checkbox"/> yes <input type="checkbox"/> no |

| Restrictions in Manufacturing Processes | | | | |
|--|------------|---|--|---|
| Chemical Name/ Group | CAS Number | Threshold Limit (ppm), Minimum <i>from Reference Standard</i> | Threshold Limit (ppm), Customer Standard | Reference Standard |
| n-Hexane | 110-54-3 | - | Non-use in all manufacturing processes (cleaning agents, degreasers, demolder solutions) | Company policy |
| N-methylpyrrolidone (NMP) | 872-50-4 | exposure of workers: 14.4 mg/m ³ for exposure by inhalation and 4.8 mg/kg/day for dermal exposure | Non-use in all manufacturing processes (cleaning agents, degreasers, demolder solutions) | ANNEX XVII TO REACH |
| Ozone layer depleting substances and compounds (ODS: e.g. CFCs, HCFCs, Halons, HFCs, PFCs, SF6) | several | No intentional use* | No intentional use* | Montreal Protocol EC 1005/2009 (EC 2037/2000) |
| Volatile Organic Compounds (VOC) | several | Adhere to local and international regulations that are applicable to manufacturing sites. Examples, but not limited to: GB 30981-2020 - Industrial Coatings https://www.chinesestandard.net/PDF.aspx/GB30981-2020 GB 33372-2020 – Adhesives https://www.chinesestandard.net/PDF.aspx/GB33372-2020 GB 38507-2020 - Printing Ink https://www.chinesestandard.net/PDF.aspx/GB38507-2020 GB 38508-2020 - Cleaning Agents https://www.chinesestandard.net/PDF.aspx/GB38508-2020 | | |

*Not applicable to manufacturing process with appropriate controls to avoid human exposure.