**Annex I to the User Manual**

**External declarations**

**To be filled by the Chemical Manufacturer/Chemical Supplier or Material Manufacturer/Material Supplier only**

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| **PRODUCT NAME** |  |
| PRODUCER/SUPPLIER  COMPANY NAME  (full address) |  |
| CONTACT PERSON |  |
| TELEPHONE |  |
| E-MAIL |  |

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| **FUNCTION** | | | |
|  | printing ink |  | redispersible/water soluble adhesive |
|  | printing ink additive |  | reactive adhesive |
|  | dye |  | thermoplastic adhesive |
|  | toner |  | other adhesive |
|  | varnish |  | wetting agent |
|  | dampening solution |  | rubber blanket regenerating agent |
|  | dampening solution additive |  | lamination material |
|  | biocidal product |  | coating material |
|  | solvent |  | foil |
|  | cleaning agent/washing agent/detergent | other: | |

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| **AREA OF APPLICATION** | | | |
|  | UV printing |  | conventional printing |
|  | prepress |  | further processing |
| other: | | | |

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| **PRINTING PROCESS (especially relevant for printing inks)** | | | |
|  | sheet fed offset printing |  | heatset web offset printing |
|  | coldset web offset printing |  | rotary screen printing |
|  | rotogravure printing |  | flexography printing |
|  | inkjet printing |  | laser printing |
|  | other digital printing | other: | |

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| **Criterion 2.1. – SVHC restrictions on all ingoing chemicals for all chemicals and materials used** | | |
|  | I/we declare that the product (chemical, chemical mixtures, chemical formulation, or material, as applicable), and any component part therein do not contain any SVHC in concentrations > 0.10% (weight by weight). | |
| Name of a product or component part of the product (insert more rows as necessary) | | Amount of SVHC > 0.10% (w/w) |
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| Comments: | | |

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| **Criterion 2.2. – Restrictions on presence of hazardous substances in the product for all chemicals and materials used** | | | |
|  | I/we declare that the product (chemical, chemical mixtures, chemical formulation, or material, as applicable), and any component part therein, do not contain hazardous substances in concentrations > 0.10% (w/w) that have been classified with one or more of the following hazard classes: | | |
|  | * H340, H350, H350i, H360, H360F, H360D, H360FD, H360Fd, H360Df | | |
|  | * H300, H304, H310, H317, H330, H341, H351, H361, H361f, H361d, H361fd, H362, H370, H372 | | |
|  | * H301, H311, H331, H371, H373, H411, H412, H413 | | |
|  | In case of the presence of mineral oils and distillates (H304) or Nickel (H317, H351, H372) in concentrations > 0.10% (w/w), I/we declare compliance for the relevant product(s) or component part(s) and provide supporting evidence of compliance with the derogation conditions: | | |
|  | * for mineral oils and distillates: evidence of compliance with safe handling, storage and exposure controls | | |
|  | * for Nickel: evidence of consumer information about Nickel coating | | |
| Name of product or component part of product (insert more rows as necessary) | | Amount of restricted substances  [% (w/w)] | If amount is > 0.10% (w/w), please state if this is due to mineral oils or nickel |
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| Comments: | | | |

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| **Criterion 2.3 – Biocidal products and biocidal active substances for all chemicals that contain biocidal active substances** | | | | | | |
|  | The chemical named above does not contain biocidal active substances or biocidal products. | | | | | |
| **or** | | | | | | |
|  | I/we declare that only in-can preservatives are used (i.e. biocidal product type 6: preservatives for products during storage) present in printing inks, varnishes, lacquers and any other formulations used during the production processes and preservatives used for liquid cooling and processing systems (i.e. biocidal product type 11): | | | | | |
|  | * having been approved by Regulation (EU) No 528/2012 of the European Parliament and of the Council for product type 6 or product type 11 uses, as appropriate, | | | | | |
|  | **or** | | | | | |
|  | * being under examination pending a decision on approval by Regulation (EU) No 528/2012 for product type 6 or product type 11 uses, as appropriate. | | | | | |
| Any biocidal active substance meeting the above condition(s) is assigned the hazard statement code H410 or H411 (hazardous to the aquatic environment, chronic hazards, category 1 or 2), | | | | | YES | NO |
|  | I/we declare that if any biocidal active substance has been assigned the hazard code H410 or H411, that is has a bioaccumulation potential < 3.0 (log Pow octanol/water partition coefficient) or a bioconcentration factor ≤ 100. | | | | | |
| Name and CAS-number of the active substance in the biocide | | Product type  (PT 6 or PT 11, please indicate) | Bioaccumulation Potential  Log Pow | Bioconcentration Factor (BCF) | | |
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| Comments: | | | | | | |

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| **Criterion.2.4 – Cleaning agents for all cleaning agents used in the printing process or related sub-processes** | |
|  | I/we declare that the cleaning agents used for routine cleaning operations[[1]](#footnote-1) comply with the following requirements not contain: |
|  | * solvents with a flashpoint < 60°C in concentrations > 0,10% (w/w); |
|  | * benzene in concentrations > 0,10% (w/w); |
|  | * toluene or xylene in concentrations > 1,0% (w/w)[[2]](#footnote-2) aromatic hydrocarbons (≥ C9) in concentrations > 0,10% (w/w); |
|  | * any ingredients based on halogenated hydrocarbons, terpenes, n-hexane, nonylphenols, N-methyl-2-pyrrolidone or 2-butoxyethanol in concentrations > 0,10% (w/w). |
| Comments: | |

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| **Criterion.2.5 – Alkyl phenol ethoxylates, halogenated solvents and phthalates for any inks, dyes, toners, adhesives or cleaning agents used in the printing process or related sub-processes** | |
|  | I/we declare that following substances or preparations are not present in any inks, dyes, toners, adhesives or cleaning agents that are listed above in concentrations exceeding 0,10% (w/w): |
|  | * alkyl phenol ethoxylates and their derivatives that may produce alkyl phenols by degradation |
|  | * halogenated solvents that at the time of application are classified with any of the hazard classes listed in point 2.2 |
|  | * phthalates that at the time of application have been assigned reproductive toxicity hazard classes (category 1A, 1B or 2) and one or more of the following associated hazard statement codes: H360F, H360D, H360FD, H360Fd, H360Df, H361, H361f, H361d, H361fd or H362 in accordance with Regulation (EC) No 1272/2008 |
| Comments: | |

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| **Criterion.2.6 – Further restrictions applying to printing inks, toners and varnishes for printing inks, toners and varnishes for use in the printing process or sub-processes** | |
| I/we declare that listed below inks, toners and varnishes comply with the following hazardous substance restrictions[[3]](#footnote-3). | |
|  | No substances or mixtures shall be present with assigned: |
|  | * carcinogenic, mutagenic and/or reproductive toxicity hazard classes (category 1A, 1B or 2) and one or more of the following hazard statement codes: H340, H350, H350i, H360, H360F, H360D, H360FD, H360Fd, H360Df |
|  | * acute toxicity (oral, dermal, inhalation) hazard classes (category 1 or 2) and one or more of the following hazard statement codes: H300, H310, H330 |
|  | * acute toxicity (oral, dermal) hazard classes (category 3) and one or more of the following hazard statement codes: H301, H311 |
|  | * specific target organ toxicity (single or repeated exposure) hazard classes (category 1) and one or more of the following hazard statement codes: H370, H372 |
|  | None of the following substances and mixtures shall be used: |
|  | * pigments or additives based on antimony, arsenic, cadmium, chromium (VI), lead, mercury, selenium, cobalt or any compounds thereof. Only traces of those metals up to 0,010% (w/w) as impurities shall be permitted |
|  | * azo dyes, which by reductive cleavage of one or more azo groups may release one or more of the aromatic amines listed in Appendix 8 of entry 43 of Annex XVII to Regulation (EC) No 1907/2006[[4]](#footnote-4) |
|  | None of the following substances shall be present: |
|  | * diaminostilbene and its derivatives, 2,4-Dimethyl-6-tert-butylphenol, 4,4’-Bis(dimethylamino)benzophenone (Michler's Ketone) and Hexachlorocyclohexane |
|  | * solvents: 2-Methoxyethanol, 2-Ethoxyethanol, 2-Methoxyethyl acetate, 2-Ethoxyethyl acetate, 2-Nitropropane and Methanol |
|  | * plasticisers: chlorinated naphthalenes, chlorinated paraffins, monocresyl phosphate, tricresyl phosphate and monocresyl diphenyl phosphate |
| Comments: | |

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| Criterion 4. – VOC content in inks, washing agents, damping solutions or other corresponding chemical products for all chemicals | | | |
|  | I/we declare the following Volatile organic compounds (VOCs) content in inks, washing agents, damping solutions or other corresponding chemical products. | | |
| **Density[[5]](#footnote-5)**  **[kg/l]** | | **VOC share**  **[%]** | **Solid share**  **[%]** |
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| Comments: | | | |

If available from the chemical supplier:

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| Criterion 3.3. – Adhesives removability for adhesives[[6]](#footnote-6),[[7]](#footnote-7) | | | |
| *Unless separately specified, declaration for adhesive removability* | | | |
| I/We declare that the adhesive removability is proven with a score of at least 71 on the EPRC Adhesive Removal Scorecard. | YES | NO | N/A |
| The declaration is supported by adhesive removability test results according to INGEDE Method 12, or equivalent standard methods | | YES | NO |
| *For pressure sensitive adhesives* | | | |
| We declare that the adhesive removability is proven with at least positive score on the EPRC Adhesive Removal Scorecard. | YES | NO | N/A |
| The declaration is supported by adhesive removability test results according to INGEDE Method 12, or equivalent standard methods | | YES | NO |
| *For water - based adhesives* | | | |
| I/We declare that the adhesive is water based | | YES | NO |
| *Further information* | | | |
| I/We declare that the adhesive is redispersible | | YES | NO |
| I/We declare that the adhesive is water soluble | | YES | NO |
| Comments: | | | |

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| Criterion 3.4. – Deinkability for printing inks, toners and varnishes for use in the printing process or sub-processes[[8]](#footnote-8),[[9]](#footnote-9) | | | |
| I/We declare that the final deinkability score of ink is at least 51 on the EPRC Deinkability Scorecard, or equivalent, and all individual parameters analysed have a positive score. | YES | NO | N/A |
| The declaration is supported by deinking test results according to INGEDE Method 11, or equivalent standard methods | | YES | NO |
| Testing of printing technologies or inks is performed on the paper type(s) that is used in a product. | | YES | NO |
| Comments: | | | |

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| DATE |  |
| NAME IN BLOCK LETTERS |  |
| **SIGNATURE** |  |

1. Note that the removal of dried ink and blanket revival are not considered as routine cleaning operations. [↑](#footnote-ref-1)
2. The toluene restriction does not apply to cleaning agents used in rotogravure processes. [↑](#footnote-ref-2)
3. Note that the non-presence of the hazardous substance or mixture shall be considered when the concentration does not exceed 0,10% (w/w) in the ink, toner or varnish formulation. [↑](#footnote-ref-3)
4. see indicative list in Appendix I to Annex XVII to Regulation (EC) No 1907/2006 [↑](#footnote-ref-4)
5. For liquid products [↑](#footnote-ref-5)
6. If an applicant is a product manufacturer, declaration of compliance is available in the Excel file attached to the User Manual. [↑](#footnote-ref-6)
7. Adhesive applications listed in the Annex of the “Assessment of Printed Product Recyclability, Scorecard for Removability of Adhesive Applications”, are considered compliant with the requirement. Please check "N/A" in that case (N/A = Non-applicable). [↑](#footnote-ref-7)
8. The declarations from ink manufacturer is only possible to be accepted if certain conditions are met. See additional explanation in User Manual Part A-B, Criterion 3: Recyclability [↑](#footnote-ref-8)
9. Printing technologies and material combinations listed in the Annex of the “Assessment of Printed Product Recyclability, Deinkability Score” shall be considered compliant with the requirements. Please check "N/A" in that case (N/A = Non-applicable). [↑](#footnote-ref-9)