|  |  |
| --- | --- |
| **Annex 7 to the Contract**  **pursuant to RAL-UZ 195** | **Please only use**  **this form!** |

**Environmental label for "Printed Matter"**

|  |  |
| --- | --- |
| **Manufacturer:**  (full address) |  |
|  |  |
| **Trade name of the product:** |  |

**Declaration from the chemical manufacturers/suppliers**

**The above named product is a:**

|  |  |  |  |
| --- | --- | --- | --- |
| Printing ink |  | Dampening solution |  |
| Printing ink additive |  | Dampening solution additive |  |
| Dye |  | Film |  |
| Ink |  | Coating agent |  |
| Toner |  | Varnish |  |
| Printing varnish |  | Lamination agent |  |
| Wetting agent |  | Solvent |  |
| Adhesive |  | Detergent/cleaning agent |  |
| PUR adhesive |  | Rubber blanket regenerating agent |  |
| Adhesive containing DIBP |  | Other: |  |
| Hot melt adhesive based on ethylene-vinyl acetate | |  | |

|  |  |  |
| --- | --- | --- |
| **For adhesives:** The above named adhesive is water based. | **YES** | **NO** |

**3.5. Requirements for all substances and mixtures added to the printed matter** (please always complete!)

|  |  |  |
| --- | --- | --- |
| Is the above named product labelled with the hazard statements or risk phrases listed in Paragraph 3.5? | **YES** | **NO** |

These are:

* H300, H301, H304, H310, H311, H330, H331, H340, H341, H350, H350i, H351, H360F, H360D, H360FD, H360Fd, H360Df, H361f, H361d, H361df, H362, H370, H371, H372, H373, H400, H410, H411, H412, H413, EUH059, EUH029, EUH031, EUH032, EUH070

or

* R23, R24, R25, R26, R27,R28, R29, R31, R32, R39/23, R39/24, R39/25, R39/26, R39/27, R39/28, R39/41, R40, R45, R46, R48/20, R48/21, R48/22, R48/23, R48/24, R48/25, R49, R50, R50/53, R51/53, R52/53, R53, R59, R60, R60/61, R60/63, R61, R61/R62, R62, R62/63, R63, R64, R65, R68, R68/20, R68/21, R68/22

If **YES**, with which?

|  |  |  |
| --- | --- | --- |
| Is the above named product classified as carcinogenic, mutagenic or reprotoxic in the currently valid version of TRGS 905? | **YES** | **NO** |

**VOC content** (please always complete!)

For the above named product we hereby confirm following **VOC content**:

|  |  |
| --- | --- |
| **VOC content:** | **%** |

VOC: an organic compound, as well as the fraction of creosote, that has a vapour pressure of 0.01 kPa or more at 293.15 K or has a corresponding volatility under the particular conditions of use (e.g. afterburner in headset offset printing).

**3.2.3. Use of adhesives - PUR adhesives** (please only complete if the above named product is a PUR adhesive!)

We hereby confirm that our above named product complies with the following requirements:

|  |  |
| --- | --- |
| The PUR adhesive has been emission tested and carries the test mark "DGUV Test, Emission tested". |  |
| • The processing temperature for the adhesive is between 90-100°C. |  |
| • The monomeric MDI content is < 4%. |  |
| **or** |  |
| The PUR adhesive is not labelled. |  |
| • The processing temperature for the adhesive is between 100-130°C. |  |
| • The monomeric MDI content is < 0.1%. |  |

**3.6. Requirements for renewable raw materials** (please only complete if the above named product is a printing ink, varnish, solvent or cleaning agent!)

|  |  |  |
| --- | --- | --- |
| Does the above named product contain renewable raw materials or is it produced on the basis of renewable raw materials? | **YES** | **NO** |

If **YES**, we hereby confirm that our above named product complies with the following requirements:

|  |  |
| --- | --- |
| • The renewable raw materials are not sourced from genetically modified plants. |  |
| • The renewable raw materials are not sourced from rainforest deforestation. |  |
| **or** |  |
| Verification cannot currently be provided because      . | |

**3.7. Requirements for dyes, toners, printing inks and varnishes** (please only complete if the above named product is a printing ink, varnish, dye or toner!)

The following Paragraphs 3.7.1. - 3.7.5 relate to the entire colour system, meaning the ready-for-use dyes, toners, printing inks and varnishes ("ready for printing").

**3.7.2. Heavy metals**

We hereby confirm that our above named product does **not** contain the following substances as a constituent ingredient and the concentrations of process-related, technically unavoidable natural impurities conform to the relevant values given in column 2:

|  |  |  |  |
| --- | --- | --- | --- |
| *Heavy metal* | *Impurity in the raw material* |  |  |
| **Cadmium** |  | **%** |  |
| **Copper (except copper phthalocyanine)** |  | **%** |  |
| **Lead** |  | **%** |  |
| **Nickel** |  | **%** |  |
| **Chromium (VI)** |  | **%** |  |
| **Mercury** |  | **%** |  |
| **Cobalt** |  | **%** |  |

**3.7.3. Additional requirements for manganese compounds**

We hereby confirm that our above named product complies with the following requirements:

|  |  |
| --- | --- |
| The proportion of manganese, which is used in the production of the above mentioned product in the form of manganese compounds, does not exceed a maximum of 0.5 (w/w)% (calculated as manganese in the delivered product). |  |

**3.7.4. Azo dyes**

|  |  |
| --- | --- |
| Could the dyes used eliminate one or more of the following amines under conditions of use? | **YES  NO** |

|  |  |
| --- | --- |
| **Chemical name** | **CAS number** |
| 4-aminoazobenzene | 60-09-3 |
| o-anisidine / 2-methoxyaniline | 90-04-0 |
| 2-naphthylamine | 91-59-8 |
| 3,3'-dichlorobenzidine / 3,3'-dichlorobiphenyl-4,4'-ylenediamine | 91-94-1 |
| biphenyl-4-ylamine / 4-aminobiphenyl / xenylamine | 92-67-1 |
| benzidine | 92-87-5 |
| o-toluidine / 2-aminotoluene | 95-53-4 |
| 4-chloro-o-toluidine | 95-69-2 |
| 4-methyl-m-phenylenediamine | 95-80-7 |
| o-aminoazotoluene / 4-amino-2',3-dimethylazobenzene / 4-o-tolylazo-o-toluidine | 97-56-3 |
| 5-nitro-o-toluidine | 99-55-8 |
| 4,4'-methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'-methylene-dianiline | 101-14-4 |
| 4,4'-methylenedianiline / 4,4'-diaminodiphenylmethane | 101-77-9 |
| 4,4'-oxydianiline | 101-80-4 |
| 4-chloroaniline | 106-47-8 |
| 3,3'-dimethoxybenzidine / o-dianisidine | 119-90-4 |
| 3,3'-dimethylbenzidine / 4,4'-bi-o-toluidine | 119-93-7 |
| p-cresidine / 6-methoxy-m-toluidine | 120-71-8 |
| 2,4,5-trimethylaniline | 137-17-7 |
| 4,4'-thiodianiline | 139-65-1 |
| 4-Amino-3-fluorophenol\* | 399-95-1 |
| 4-methoxy-m-phenylenediamine | 615-05-4 |
| 4,4'-methylenedi-o-toluidine | 838-88-0 |
| 6-Amino-2-ethoxynaphthalene\* |  |

\* Azo dyes that break down into these amines are not known. Analytical proof is not required here.

If **YES**, which?

**3.7.5. Hydrocarbons in printing inks** (Obligatory from 01.01.2017!)

|  |  |
| --- | --- |
| Are aliphatic hydrocarbons used in the production of the above named product? | **YES  NO** |

If **YES**, we hereby confirm that our above named product complies with the following requirements:

|  |  |
| --- | --- |
| Only those aliphatic hydrocarbons with a chain length of C10 to C20 are used. |  |

This also needs to be confirmed if the inks also contain other aliphatic hydrocarbons alongside the high-molecular weight aliphatic hydrocarbons.

**Exemption:**

|  |  |
| --- | --- |
| Are the following high-molecular weight aliphatic hydrocarbons without solvent properties: microcrystalline waxes, Vaseline, polyolefin waxes, paraffin waxes or Fischer-Tropsch waxes used in the production of the above mentioned product? | **YES  NO** |

If **YES**, we hereby confirm that our above named product complies with the following requirements:

|  |  |
| --- | --- |
| The high-molecular weight aliphatic hydrocarbons have a chain length of > C30. |  |
| The proportion of aliphatic hydrocarbons with a chain length of between C20 and C30 does not exceed a maximum of 1.5%. |  |

|  |  |
| --- | --- |
| Are other high-molecular weight aliphatic hydrocarbons used in the production of the above mentioned product? | **YES  NO** |

If **YES**, which?

|  |  |
| --- | --- |
| Are aromatic hydrocarbons used in the production of the above mentioned product? | **YES  NO** |

If **YES**, we hereby confirm that our above named product complies with the following requirements:

|  |  |
| --- | --- |
| The proportion of aromatic hydrocarbons from mineral oil in the constituent ingredients is less than 1 % by mass. |  |
| The PAH comply with the defined limits in Regulation (EC) No. 1272/2008. |  |

**3.8.1. Cleaning agents, rubber blanket regeneration agents and other auxiliary printing substances in offset printing processes** (to be completed by all those manufactures who produce chemicals for offset printing except for manufacturers of products already covered under Paragraph 3.7)

We hereby confirm that our above named product complies with the following requirements:

|  |  |
| --- | --- |
| The proportion of toluene, xylene and other aromatic hydrocarbons with a carbon number of more than C9 does not exceed a maximum of 1% by mass. |  |
| The proportion is:       %. | |
| The proportion of benzene does not exceed a maximum of 0.1 % by mass. |  |
| The proportion is:       %. | |
| Halogenated hydrocarbons, terpenes, n-hexanes, secondary armines and amides are not used. |  |

Notes:

|  |
| --- |
|  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Location:** |  |  |  |
|  |  |  |
| **Date:** |  |  |

**Legally binding signature / company stamp**