|  |  |
| --- | --- |
| **Annex 4 to the contract**  **in accordance  with DE-UZ 14b** | **Please only use**  **this form!** |

**Environmental label for “Finished products made from recycled paper and cardboard”**

|  |  |
| --- | --- |
| **Manufacturer:**  (full address) |  |
| **Contact for any questions:** |  |
| **Email address:** |  |
| **Telephone:** |  |
| **Trade name of the product:**  (Please always provide all article numbers, product codes, colour tones and similar if available) |  |

**Declaration from the chemical manufacturers/suppliers**

**The above named product is a:**

|  |  |  |  |
| --- | --- | --- | --- |
| Printing ink |  | Ink |  |
| Varnish |  | Toner |  |
| Surface finishing agent |  | Coating material |  |
| Adhesive |  | PUR adhesive |  |
| Hot melt adhesive based on ethylene-vinyl acetate | |  | |
| Other: | | | |

**3.3 Requirements for dyes, toners, printing inks, surface finishing agents, coating materials and adhesives**

|  |  |  |
| --- | --- | --- |
| Is the above named product labelled with the hazard statements or risk phrases listed in Paragraph 3.3? | **YES** | **NO** |

These are:

* H300, H301, H304, H310, H311, H330, H331, H340, H341, H350, H350i, H351[[1]](#footnote-1), H360F, H360D, H360FD, H360Fd, H360Df, H361f, H361d, H361df, H362, H370, H371, H372, H373, H400, H410, H411, H412, H413, EUH059

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** |

**3.4 Azo dyes and pigments in colourants**

|  |  |  |
| --- | --- | --- |
| Can the colourant used in the product cleave into one or more of the following amines? | **YES** | **NO** |

|  |  |
| --- | --- |
| Substance name | CAS-Nr. |
| Biphenyl-4-ylamin / 4-Aminobiphenyl / Xenylamin | 92-67-1 |
| Benzidin | 92-87-5 |
| 4-Chlor-o-toluidin | 95-69-2 |
| 2-Naphthylamin | 91-59-8 |
| o-Aminoazotoluol / 4-Amino-2',3-dimethylazobenzol / 4-o-Tolylazo-o-toluidin | 97-56-3 |
| 5-Nitro-o-toluidin | 99-55-8 |
| 4-Chloranilin | 106-47-8 |
| 4-Methoxy-m-phenylendiamin / 2,4-Diaminoanisol | 615-05-4 |
| 4,4'-Methylendianilin / 4,4'-Diaminodiphenylmethan | 101-77-9 |
| 3,3'-Dichlorbenzidin / 3,3'-Dichlorbiphenyl-4,4'-ylendiamin | 91-94-1 |
| 3,3'-Dimethoxybenzidin / o-Dianisidin | 119-90-4 |
| 3,3'-Dimethylbenzidin / 4,4'-Bi-o-Toluidin | 119-93-7 |
| 4,4'-Methylendi-o-toluidin / 3,3'-Dimethyl-4,4'-diaminodiphenylmethan | 838-88-0 |
| 6-Methoxy-m-toluidin / p-Cresidin | 120-71-8 |
| 4,4'-Methylen-bis-(2-chloranilin) /2,2'-Dichlor-4,4'-methylendianilin | 101-14-4 |
| 4,4'-Oxydianilin | 101-80-4 |
| 4,4'-Thiodianilin | 139-65-1 |
| o-Toluidin  2-Aminotoluol | 95-53-4 |
| 4-Methyl-m-phenylendiamin / 2,4-Diaminotoluol | 95-80-7 |
| 2,4,5-Trimethylanilin | 137-17-7 |
| o-Anisidin / 2-Methoxyanilin | 90-04-0 |
| 4-Aminoazobenzol\* | 60-09-3 |
| 2,4-Xylidin | 95-68-1 |
| 2,6-Xylidin | 87-62-7 |
| \* Azo dyes that split off this amine are not known. Analytical detection can be dispensed with. | |

If **YES**, which?

**3.5 Heavy metals** (in dyes, toners, printing inks and varnishes)

|  |  |  |
| --- | --- | --- |
| The above named product does **not** contain the substances or their compounds listed in column 1 as constituent ingredients. | **YES** | **NO** |

The concentrations of process-related, technically unavoidable impurities or natural impurities does not exceed the value stated in column 2:

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

**3.6 Hydrocarbons in printing inks and varnishes**

**Part A**

|  |  |  |
| --- | --- | --- |
| 1. Are aliphatic hydrocarbons added to the above named product during its production? | **YES** | **NO** |

If 1. **YES:**

|  |  |
| --- | --- |
| **YES** | **NO** |

1. Only those aliphatic hydrocarbons with a chain length

of C10 to C20 are used.

If 1. **YES** and 2. **NO**:

|  |  |  |  |
| --- | --- | --- | --- |
| Higher molecular weight aliphatic hydrocarbons with chain lengths above C20 are also used. | |  | |
| 1. Are the following high-molecular weight aliphatic hydrocarbons without solvent properties added to the above named product during production: microcrystalline waxes, vaseline, polyolefin waxes, paraffin waxes or Fischer-Tropsch waxes? | **Yes** | | **NO**[[2]](#footnote-2) |

If 3. **YES:**

|  |  |
| --- | --- |
| 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 aromatic hydrocarbons added to the above named product during its production? | **YES** | **NO** |

**Part B**

If **YES**:

|  |  |
| --- | --- |
| 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. |  |

**3.7 Diisobutyl phthalate (DIBP)** (in all types of adhesive)

|  |  |  |
| --- | --- | --- |
| Does the above named product contain diisobutyl phthalate (DIBP)? | **YES** | **NO** |

**3.9 Recyclability**

|  |  |  |  |
| --- | --- | --- | --- |
| **For all adhesives:** | The above named adhesive is water soluble and redispersible. | **YES** | **NO** |
|  |  |  |

**Current safety data sheets in accordance with Regulations (EC) 1907/2006 and (EC) No. 1272/2008 are enclosed. The Safety Data Sheets (SDS) shall not be older than 2 years. If the SDS are older than two years, the supplier shall confirm that the SDS are the latest versions.**

Notes:

|  |
| --- |
|  |

**Contact at RAL gGmbH:**

RAL gGmbH

Henrike Buttner

Fränkische Str. 7

53229 Bonn

Germany

E-mail: [umweltzeichen@ral.de](mailto:umweltzeichen@ral.de)

Telephone: +49 228 / 668 95 - 190

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

**Legally binding signature / company stamp**

1. Titanium dioxide is excluded from this, as the classification only refers to inhalable dusts. [↑](#footnote-ref-1)
2. If hydrocarbons other than those listed here are used, the product is not eligible for DE-UZ 14b according to the award criteria. Nevertheless, please indicate in the "Remarks" field which hydrocarbons are involved. [↑](#footnote-ref-2)