Appendix 19 Dyes and pigments - dye manufacturer

To be completed by the dye manufacturer.

Name of dyes/pigments and application: _____

_____

Manufacturer/supplier of dye/pigment:

_____

O25. Do the products contain substances which are listed on Reach's candidate list?
☐ Yes ☐ No

Link to the Reach's candidate list:
http://echa.europa.eu/web/guest/candidate-list-table

O26. Are any of the following chemical substances added[1] to the product/raw material?

- Alkylphenol ethoxylates (APEO) ☐ Yes ☐ No
- Linear alkyl benzene sulphonates (LAS) ☐ Yes ☐ No
- Ditallow dimethyl ammonium chloride (DTDMAC), distearyl dimethyl ammonium chloride (DSDMAC), dihydrogenated tallow dimethyl ammonium chloride (DHTDMAC) ☐ Yes ☐ No
- Ethylenediaminetetraacetic acid (EDTA) og diethylenetriaminepentaaceticacid (DTPA) ☐ Yes ☐ No
- Phthalates[2] ☐ Yes ☐ No
- Fluorinated organic compounds, such as PFOA (perfluorooctanoic acid and salts/esters thereof), PFOS (perfluorooctyl sulphonate and its compounds), PTFE (polytetrafluoroethylene), etc. ☐ Yes ☐ No

[1]*Added substances comprise all chemical products and ingredients of these, including additives (e.g. pigments) in ingredients, but not contaminants from raw material, incl. raw material production. Contaminants are defined as residues from raw material, incl. raw material production present in the finished product in concentrations of less than 100 ppm (0.01 weight %,100 mg/kg), but not substances that are added to a raw material or product for a purpose, irrespective of quantity.*

[2] *This applies to phthalates listed in Reach's appendix XVII. Phthalates listed in the candidate list are excluded in requirement O25.*

O32. Do impurities in colorants with fibre affinity exceed the following values?

- Ag 100 ppm ☐ Yes ☐ No
- As 50 ppm ☐ Yes ☐ No
- Ba 100 ppm ☐ Yes ☐ No
- Cd 20 ppm ☐ Yes ☐ No
- Co 500 ppm ☐ Yes ☐ No

- Cr 100 ppm ☐ Yes ☐ No
- Cu 250 ppm ☐ Yes ☐ No
- Fe 2500 ppm ☐ Yes ☐ No
- Hg 4 ppm ☐ Yes ☐ No
- Mn 1000 ppm ☐ Yes ☐ No
- Ni 200 ppm ☐ Yes ☐ No
- Pb 100 ppm ☐ Yes ☐ No
- Se 20 ppm ☐ Yes ☐ No
- Sb 50 ppm ☐ Yes ☐ No
- Sn 250 ppm ☐ Yes ☐ No
- Zn 1500 ppm ☐ Yes ☐ No

O33. Do impurities in pigments[1] without fibre affinity exceed the following values:

- As 50 ppm ☐ Yes ☐ No
- Ba 100 ppm ☐ Yes ☐ No
- Cd 50 ppm ☐ Yes ☐ No
- Cr 100 ppm ☐ Yes ☐ No
- Hg 25 ppm ☐ Yes ☐ No
- Pb 100 ppm ☐ Yes ☐ No
- Se 100 ppm ☐ Yes ☐ No
- Sb 250 ppm ☐ Yes ☐ No
- Zn 1500 ppm ☐ Yes ☐ No

[1]*Pigments are defined as insoluble colorants without fibre affinity*

O35. Are the dye a metal complex dye? ☐ Yes ☐ No

If, yes, which metals are the dye based on?_____

Can the metal complex dye be used for cotton? ☐ Yes ☐ No

If yes:

- Is it a polyfunctional (bifunctional) reactive metal compex dye? ☐ Yes ☐ No
- Specify the weigth % of copper in the metal complex dye: _____
- Specify the fixation ratio of the metal complex dye (guideline specified by the manufacturer of dye): _____

O36. Are azo dyes, which can release the aromatic amines given in Table 2, used? ☐ Yes ☐ No

Test report, if any, attachment: _____

Table 2. Azo dyes

4-aminodiphenyl	3,3´-dimethyl-4,4´-diaminidophenylmethan
Benzidine	p-cresidine
4-chlor-o-toluidine	4,4'-oxydianiline
2-naphthylamine	4,4'-thiodianiline
o-amino-azotoluene	o-toluidine
2-amino-4-nitrotoluene	2,4-diaminotoluene
p-chloraniline	2,4,5-trimethylaniline
2,4-diaminoanisol	4-aminoazobenzene
4,4´-diaminodiphenylmethane	o-anisidine
3,3´-dichlorbenzidine	2,4-Xylidine
3,3´-dimethoxybenzidine	2,6-Xylidine
3,3´-dimethylbenzidine	

If yes, state the chemical name, CAS no. and amount in weight %:

_____

_____

Signature of the dye manufacturer:

Date:	Signature:
Company name, telephone & email:	Name: (block capitals)
	Position: