COR RIJKEN VERPAKKINGEN

Packaging especially for you!

Technical Data Sheet: Substances of Concern no. 440

Product group: Cone bags, CPP, Transparent / Printed 40 my

DoC / TDS : no.440

Article 5 of the Regulation (EU) 2025/40 of the European Parliament and of the Council of 19 December 2024 on packaging and packaging waste, amending Regulation (EU) 2019/1020 and Directive (EU) 2019/904, and repealing Directive 94/62/EC (PPWR) regarding restrictions on the content of per- and polyfluoroalkyl substances (PFAS), and heavy metals.

HEAVY METALS

The sum of heavy metals (the sum of concentration levels of lead, cadmium, mercury and hexavalent chromium) does not exceed 100 ppm by weight (100 mg/kg).

PFAS and Other Substances

Based on the available information on the raw materials used in the production of the film, we deem that the following substances are neither used nor intentionally added in their formulations.

However, the raw materials as well as the film have not been tested for these substances.

o Bisphenol A (BPA) (Regulation (EU) No 2024/3190, as amended by Regulation (EU) 2026/250)

o BADGE, NOGE, BFDGE (Regulation (EC) No 1895/2005)

o Per- and polyfluoroalkyl substances (PFAS)

Information on additional substances that limit contact with food	***European Printing Ink Association (EuPIA) Exclusion Policy for Printing Inks and Related Products*** Inks and film will not contain those materials excluded by the criteria or by specific description according to this Policy.[2] In particular, this excludes from use all materials classified according to the CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures as carcinogenic, mutagenic or toxic for reproduction in categories 1A or 1B with hazard statements H340, H350 or H360*, in addition to toxic or highly toxic materials with hazard statements H300, H301*, H310, H311*, H330, H331, H370 or H372* (* may be permitted if safe use can be demonstrated following risk assessment). Pigments based on compounds of Sb, As, Cd, Cr (VI), Pb, Hg, Se, certain dyes, solvents, plasticisers and miscellaneous materials are also excluded. ***Heavy metals*** Films with its components do not exceed limitation of substances as below: - Cadmium < 0,002 mg/kg, - Total migration La, Eu, Gd, Tb < 0,05 mg/kg - Lead < 0,003 mg/kg - Mercury < 0,007 mg/kg

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BTW :NL 809913434 B01
KvK :08049150

Op al onze transacties en aanbiedingen zijn de algemene in- en verkoop- leverings en betalingsvoorwaarden van de Verpakkingsunie Nederland van toepassing. Deze voorwaarden zenden wij u graag gratis op verzoek toe.

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	- Aluminum < 1 mg/kg - Barium < 1 mg/kg - Cobalt < 0,05 mg/kg - Lithium < 0,6 mg/kg - Manganese < 0,6 mg/kg - Nickel < 0,02 mg/kg - *Chromium < 0,01 mg/kg* ***Dioxins and dioxin-like substances, polychlorinated dibenzo-p-dioxins (PCDD), polychlorinated dibenzofurans (PCDF), polychlorinated biphenyls (PCB) and pentachlorophenol (PCP)*** Polychlorinated dibenzo-p-dioxins (PCDDs), dibenzofurans (PCDFs), biphenyls (PCBs), terphenyls (PCTs), naphthalenes (PCNs), polyvinyl chloride (PVC), and polychloroaromatics such as hexachlorobenzene (HCB), pentachlorophenol (PCP), and polychloro diphenyl methanes are not used. The level of extractable polychlorinated aromatic compounds will be less than 10 ppm of the dried ink film. ***Brominated flame retardants*** Brominated flame retardants, including polybromo biphenyls (PBBs), polybromo diphenyl ethers (PBDEs) and DBBT, are not used. ***Polyvinyl chloride (PVC) and polyvinylidene chloride (PVdC) monomers*** Residues of PVC and PVdC monomers in dried ink film will be below 1 ppm as determined by head space-gas chromatography. ***Short chain or medium chain chlorinated paraffins (SCCPs & MCCPs)*** Chlorinated paraffins are not used. ***Persistent Organic Pollutants (POPs), CFCs, HCFCs and other ozone depleting substances*** Chlorofluorocarbons (CFCs), HCFCs, halons, bromofluorocarbons, volatile chlorinated solvents and other ozone depleting substances, persistent organic pollutants and other substances restricted by international treaties are not used. ***Perfluorinated chemicals, PFOS & PFOA*** Perfluorinated chemicals (PFCs), including perfluoroalkyl sulphonic acids (PFSAs), such as perfluorooctyl sulphonate (PFOS), and perfluorocarboxylic acids (PFCAs), such as perfluorooctanoic acid (PFOA) are not used. ***Halogenated materials*** A number of raw materials may contain chlorine or fluorine atoms as part of the molecular structure. These will include the majority of yellow, orange and red colourants, phthalocyanine green, and PTFE waxes, which are used across all ink types. Some solvent-based inks and UV inks may be formulated with polymers which contain chlorine groups to assist with adhesion. ***Benzidine derivatives*** The total of primary aromatic amines, extractable from the dried ink film in 2 M hydrochloric acid will not exceed 250 ppm, with the total of benzidine, -naphthylamine and 4-aminobiphenyl (known carcinogens) specifically being less than 5 ppm. ***Pesticide residues*** Inks and film and contain no pesticide residues. ***REACH Substances of Very High Concern (SVHC)*** We do not use SVHC, and such substances are not present in our inks and varnishes and film at more than 0.1%.[3] ***Phthalates*** Phthalates are not used. They were formerly in common use as plasticisers in solvent-borne inks for flexographic and gravure printing but have been replaced by alternative materials. ***Alkyl phenol ethoxylates*** Alkyl phenol ethoxylates are not used ***Organotin*** Tributyl tin and triphenyl tin compounds are not used. ***Carbon black*** Carbon black pigments used less than 0.15% toluene extractable components. ***Acrylic acid*** Acrylic acid is not present products above 500 ppm. ***Isocyanates*** With the exception of two-pack curing products which intentionally contain isocyanates and are clearly labelled as such, the level of free isocyanate inks, varnishes and film will not exceed 1 ppm. ***Dimethyl fumarate*** Our products do not contain dimethyl fumarate ***Radioactive substances*** Radioactive substances are not used.

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