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## A brief introduction to the EuPIA's exclusion policy for printing inks and related products

Since 1996, the printing ink industry in Europe has been committed to complying with a voluntary common list that excludes certain raw materials (substances and mixtures) from printing inks and related products. This raw material exclusion list, published by the European Printing Ink Association (EuPIA), is based on current hazard classification and/or toxicological evidence to protect the health of workers in the printing ink industry and customer facilities, and to ensure the safe use of printed matter. Based on advances in scientific knowledge, it has been progressively updated and maintained in force in order to provide a consistent level of safety at all stages of printing ink manufacture and use. Although it is being replaced by chemical risk management under REACH, EuPIA's approach has continued value [1].

The EuPIA's exclusion policy for printing inks and related products lists a series of exclusion criteria. Substances that meet the exclusion criteria cannot be used as raw materials for the production of printing inks. These criteria include several major groups:

GROUP A: Acute Toxicity Cat. 1 & 2 [H300, H310, H330]; Acute Toxicity Cat. 3 (inhalation)[H331]; Carcinogen or Mutagen Cat. 1A & 1B; [H350, H340]; Toxic to Reproduction Cat. 1A & 1B [H360] (non-threshold substances); STOT Single Exposure Cat. 1 [H370].

GROUP B: Acute Toxicity Cat. 3 (oral, dermal) [H301, H311]; Toxic to Reproduction Cat. 1A & 1B [H360] (if threshold exists); STOT Repeated Exposure Cat. 1 [H372].



GROUP C: Pigment colorants based on and compounds of antimony, arsenic, cadmium, chromium (VI), lead, mercury, selenium.

GROUP D: Dye colorants such as Basic Yellow 2 (CI 41000), Basic Orange 2 (CI 11270), Basic Violet 14 (CI 42510), etc.

GROUP E: Solvents such as 2-methoxyethanol, monochlorobenzene, dichlorobenzene, dichloromethane, 2-nitropropane, methanol, etc.

GROUP F: Plasticizers such as chlorinated naphthalenes, chlorinated paraffins, monocresyl phosphate, etc.

GROUP G: Various compounds such as hexachlorocyclohexane, etc.

Trust Chem is always committed to providing our customers with high quality pigments. Substances listed in the EuPIA exclusion criteria are not intentionally added to our products. None of the ingredients of our organic pigments are classified in the EuPIA's exclusion policy for printing inks and related products selection criteria Groups A through to G as published in the fourth edition of March 2021.

[1]. EuPIA Exclusion Policy for printing inks and related products - Eupia

