



**UNION™ SCREEN PRINT INKS**

*By PolyOne™*

Non-Phthalate Ink Series

**2020 COMPLIANCE STATEMENT**

This document covers the Union Screen Print plastisol and water base inks with the following designations: 3DSE, ATHP, DSPCH, DSPP, FOIL-E9211, HALE, LBMX, MACC, MITE, MIXE, MIXV, NPSU, NYBE, PADE, PADV, PAGE, PATE, PATV, PFTR, PLAE, PLFE, PLFX-E9013, PLFX-E9040, PLHE, PLPE, PLRE-9000, PLUE, PLUM-E9080, PLUV, PRPE, PTHF, PUF5- E9111, REFE, and UNSE.

PolyOne Union™ products are made with quality, safety, and environment in mind. Union™ products are formulated to meet compliance standards supported by an effective system of quality management controls. PolyOne Corporation (PolyOne) maintains procedures for raw material review and utilizes test data from third parties to support our compliance programs.

Based on information from our suppliers, testing data, formulation analysis, and internal audits we provide the following guidelines regarding the covered Union™ products supplied by PolyOne when used in accordance with the provisions outlined in the individual Technical Data Sheet (TDS):

**Toxic Substances Control Act of 1976 (TSCA) and TSCA Reform:**

Please reference the product Safety Data Sheet (SDS) Section 15 for information related to TSCA status.

**California Assembly 1108, Oeko-Tex 100 and Consumer Products Safety Improvement Act HR 4040:**

The covered products are formulated to be non-Phthalate in compliance with California Assembly 1108, Oeko-Tex Standard 100 and Consumer Products Safety Improvement Act HR 4040. The covered products are periodically tested for the following phthalates: Di-(2-ethylhexyl) phthalate (DEHP), Dibutyl phthalate (DBP), Butyl benzyl phthalate (BBP), Diisononyl phthalate (DINP), Diisodecyl phthalate (DIDP), Di-n-octyl phthalate (DnOP), Di-iso-butyl phthalate (DIBP), Dimethylphthalate, (DMP), Di-n-hexyl phthalate (DnHP), and other esters of ortho-phthalic acid. The covered products are in compliance with the above standards.

**Consumer Products Safety Act, Title 16, Part 1303, CPSIA HR 4040, ASTM F-963, and EN 71- 3:1995:**

The covered products are formulated to be in compliance with the Consumer Products Safety Act, Title 16, Part 1303 regarding Lead products and CPSIA HR 4040 regarding Lead content. These products have been tested and contain less than 0.009% Lead as formulated. They are formulated to be in compliance with the heavy metal provision of ASTM F-963, and EN 71- 3:1995 regarding the safety requirements for toys and the specification for migration of certain elements. They are formulated with ingredients that do not contain Chlorofluorocarbons (CFC) or Alkylphenol Ethoxylates (APEO), Nonylphenol (NPEO), Octylphenol Ethoxylates (OPEO), or any free Polycyclic Aromatic Hydrocarbons (PAH), TBBPA, DecaBDE, or HBCDD.

Based on the information and representations provided by our suppliers, the covered products do not contain the following chemicals or compounds:

Arsenic, Cadmium, Chromium, Cyanide, Lead, Mercury, Nickel, or Silver above stated thresholds and guidelines.

**California Proposition 65:**

Some of the covered products may contain chemicals known to the state of California to cause cancer or reproductive toxicity (Proposition 65). Please refer to Section 15 of the product SDS for specific chemical information.

**European Union's Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH):**

PolyOne™ pre-registered its Screen Print ink chemicals as required to meet the phase-in substances period deadline for pre-registration by December 1, 2008. The pre-registration included components of PolyOne's™ NPT technology for producing our non-phthalate ink products. PolyOne™ continues to monitor new chemicals as we bring in new technology and report those according to the REACH schedule deadlines. We also expect our raw material vendors to register new chemical ingredients as they develop

new products. PolyOne™ strives to assure its customers of full compliance with REACH for the covered products.

**Substances of Very High Concern (SVHC):**

Are not expected to contain any substances meeting the criteria classification as Substance of Very High Concern (SVHC) per the European Chemical Agency list released on 16 January, 2020 at levels in excess of 0.1% based on certification or CAS # search of the individual raw material components as provided to PolyOne™ by our raw material suppliers.

**European Directive of the Restriction of the use of Hazardous Substances (2011/65/EU) (RoHS):**

Based on the information and representations provided by our suppliers, the covered products meet the European directive (RoHS – Restriction of Hazardous Substances) for limited amounts of Lead, Mercury, Cadmium, hexavalent Chromium, Polybrominated Biphenyl (PBB), or Polybrominated Diphenyl Ethers (PBDE). These products also meet Delegated Directive EU 2015/863 which adds four phthalates to the RoHS restricted substances, to be restricted in 2019. These phthalates are Bis (2-Ethylhexyl) Phthalate (DEHP): CAS # 117-81-7, Butyl Benzyl Phthalate (BBP): CAS # 85-68-7, Dibutyl Phthalate (DBP): CAS # 84-74-2, and Diisobutyl Phthalate (DIBP): CAS # 84-69-5. PolyOne™ neither knowingly, nor willingly, nor intentionally adds Lead, Mercury, Cadmium, hexavalent Chromium, Polybrominated Biphenyl (PBB), Polybrominated Diphenyl Ethers (PBDE, Bis (2-Ethylhexyl) Phthalate (DEHP): CAS # 117-81-7, Butyl Benzyl Phthalate (BBP): CAS # 85-68-7, Dibutyl Phthalate (DBP): CAS # 84-74-2, or Diisobutyl Phthalate (DIBP): CAS # 84-69-5 to the covered products.

**EC 850/2004, Persistent Organic Pollutants:**

Based on the information and representations provided by our suppliers, the covered products do not contain the following chemicals or compounds: Persistent Organic Pollutants as listed in EC 850/2004.

**Federal Republic of Germany:**

Based on the information and representations provided by our suppliers, the covered products do not contain the following chemicals or compounds as listed in the 2nd Ordinance implementing the alterations to the Consumer Goods Regulations (15 July, 1994) or German Ban on AZO Colorants: Azo dyes, disperse dyes, Nickel containing compounds.

**Dodd-Frank S-1502:**

Based on the information and representations provided by our suppliers, the covered products do not contain any Conflict Minerals (Gold, Tungsten, Tantalum, or Tin), as described in Dodd-Frank S-1502. PolyOne™ neither knowingly, nor willingly, nor intentionally adds Conflict Minerals to the covered products.

**Japan's Ministry of Health, Labour and Welfare (MHLW) amendment of Article 2 of the "Act on Control of Household Products Containing Harmful Substances (Act No. 112 of 1973)":**

Based on the information and representations provided by our suppliers, the covered products do not contain any of the 24 aromatic amines identified as harmful substances in household products.

**Other:**

Based on the information and representations provided by our suppliers, the covered products:

- Are manufactured in the USA
- Are formulated with ingredients that do not contain Latex.
- Are formulated without Ozone depleting chemicals according to CONEG.
- Are formulated with ingredients that do not contain Bisphenol-A (BPA).
- Are formulated with ingredients that do not contain free Polycyclic aromatic hydrocarbons (PAH)
- No animals were used by PolyOne™ in the development or testing of the covered products
- Are formulated with ingredients that do not contain Dimethylfumarate (DMFu)
- Are formulated with ingredients that do not contain Organotin compounds.
- Are formulated with ingredients that do not contain Brominated compounds.
- Are formulated with ingredients that do not contain Chlorinated Phenols.
- Are formulated with ingredients that do not contain Benzidine based components.
- Are formulated with ingredients that do not contain Didecyl dimethyl ammonium chloride, CAS # 7173-51-5
- Are formulated with ingredients that do not contain palm oil, palm kernel oil, or palm oil derivatives
- Are formulated with ingredients that do not contain Chlorinated Paraffin, this included short chain (SCCP), medium chain (MCCP), and long chain (LCCP).
- Are formulated with ingredients that do not contain Perfluorinated Chemicals (PFC), including PFAS, PFOA and PFOS.
- May contain up to 20 ppm residual Phenol as a trace contaminant
- Free Formaldehyde can be present in all covered products containing fluorescent pigments, but when utilized according to the Technical Data sheet free Formaldehyde levels remain <16 ppm.
- Metallic gold products may contain extractable Copper at levels in excess of 25 ppm.

You are responsible for determining the suitability of product(s) under actual conditions of processing and end-use in accordance with the applicable regulatory and/or brand restrictions. The above guidelines apply to the respective covered products only, and do not take into account other components of the final product; therefore, PolyOne is not in a position to warrant that the final product will meet FDA, EPA, and/or any other regulatory requirements.

**Nothing in this Compliance Statement shall be construed as a warranty of any kind with respect to the Union™ products, express or implied, respecting merchantability or fitness for a particular purpose.**

As a commercial accommodation, if any of the above products do not meet the guidelines above, PolyOne may replace the product free of charge, except PolyOne will not replace product free of charge if: (1) the manufacture date is more than 1-year-old, or (2) product is not stored and/or processed according to the relevant TDS. Product replacement is your sole and exclusive remedy. PolyOne disclaims all incidental, consequential, exemplary or punitive, special damages, including losses from unsold or discounted inventory or attorneys' fees.

The provisions of this Compliance Statement supersede and replace the provisions of all other certificates and/or communications (whether written, verbal or otherwise) previously delivered relating to the above Union™ products.

If you have questions concerning the safe use of our products or require additional information, please contact us at 1-800-438-5134.

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Valid January 22, 2020