



Regulatory Conformity Statement for Wilflex™ Epic, Wilflex™ One and Wilflex Oasis™ Products

PolyOne Wilflex™ products are made with quality, safety, and environment in mind. Both the Shenzhen and Kennesaw manufacturing facilities are ISO 9001:2008 certified. Wilflex Epic™, Wilflex™ One and Wilflex Oasis™ products are formulated to meet compliance standards supported by an effective system of quality management controls. PolyOne Corp. maintains comprehensive 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 can provide the following statements regarding Wilflex Epic, Wilflex One and Wilflex Oasis products supplied by PolyOne when used in accordance with the provisions outlined in the individual Product Information Bulletin (PIB):

1. Wilflex Epic, Wilflex One and Wilflex Oasis products are formulated to be in compliance with the following 2008 CPSIA (Consumer Protection Safety Improvement Act) requirements:
 - 16 CFR, Part 1303, Lead in Paint (<90 ppm Lead)
 - CPSIA Section 101, Lead Content in Substrates (<100 ppm Lead)
 - CPSIA, 16 CFR 1308, Phthalates (<0.1% each - DEHP, DBP, BBP, DINP, DIBP, DPENP, DHEXP, DCHP)

2. Wilflex Epic products undergo a quality review according to the following standards:
 - Wilflex Epic products are formulated to be in compliance with the Oeko-Tex Eco Passport Edition 1.0 04/2016. Chemicals are screened at the ingredient level against Oeko-Tex Restricted Substance List (RSL) and Manufacturing Restricted Substance List (MRSL). Refer to the Oeko-Tex Standard 100 and Standard STeP documents for RSL/MRSL content.
 - A representative cross section of the product offering has been tested by an Oeko-Tex third party testing facility as evidence of compliance with the Oeko-Tex Eco Passport Edition 1.0 04/2016 regarding harmful substances. Recertification is performed annually. Please refer to the Oeko-Tex website at https://www.oeko-tex.com/en/business/business_downloads/business_downloads.xhtml for the Eco Passport test methods and test criteria (including limit values) for the substances listed below:
 - Third-Party Analyzed Substances
 - Extractable Heavy Metals
 - Aluminum (Al)
 - Antimony (Sb)
 - Arsenic (As)
 - Barium (Ba)
 - Boron (B)
 - Cobalt (Co)
 - Copper (Cu) –*Refer to item 7 below for exclusions
 - Lead (Pb)
 - Cadmium (Cd)

- Hexavalent Chromium (CrVI)
 - Nickel (Ni)
 - Mercury (Hg)
 - Manganese (Mn)
 - Selenium (Se)
 - Strontium (Sr)
 - Silver (Ag)
 - Tin (Sn) – Tested as screen for Organotins
 - Zinc (Zn)
 - Heavy Metals in Digested Sample
 - Lead (Pb)
 - Cadmium (Cd)
 - Chlorinated Phenols & OPP
 - Chlorinated Benzenes and Toluenes
 - Polycyclic Aromatic Hydrocarbons (PAH)
 - Solvents – NMP, DMAc, DMF, Formamide
 - Alkylphenol ethoxylates (APEO), NP, OP
 - Azo Dyes EN14362-1:2012, Japan (MHLW) 2016
 - Aromatic amines according to the EU Directive 2002/61/EC
 - Arylamines
 - Skin Sensitizing Dyes
 - Free Formaldehyde - *Refer to item 6 below for exclusions
 - DEHP, DINP, DNOP, DIDP, BBP, DBP, DIBP, DHP, DIHP, DUP, DMEP, DPP, DIPP, NPIPP, TCEP, DHNUP, DnHP, DIHxP, DCHP, DDDP, DHxP
 - Organotins: MBT, DBT, TBT, DOT, TPhT, TCyHT, DMT, TeBT, TMT, TOT, TPT, DPT, MOT, MT (Tested only if Tin is present)
 - Third-Party Screened Substances
 - Short-Chained Chlorinated Paraffin (SCCP)
 - TCEP
 - DMFu
 - Biologically Active Products
 - Perfluorinated Compounds – PFOS, PFOA
- A copy of the most recent Eco Passport Certificate, on Wilflex Epic Non-Phthalate textile Screen Printing Inks in various colours and Wilflex Epic Non-Phthalate Textile Screen Print Auxiliaries are available at www.wilflex.com/compliance.
- The Wilflex Epic product line is verified to not contain the following substances based on certifications or CAS# searches of the individual components provided by the raw material suppliers:
- Flame Retardants: TRIS, TEPA, or PBB (<1ppm)
 - Natural Rubber and Latex (<1ppm)
 - Short chain chlorinated paraffin (<1ppm)
 - Pesticides (<1ppm)
 - BPA (<1ppm)
 - Dimethylfumerate (CAS# 624-49-7) (<1ppm)
 - Octabromodiphenyl ether (<1ppm)
 - Decabromodiphenyl ether (<1ppm)
 - Pentabromodiphenyl ether (<1ppm)
 - DnPP, DMP, DEP (<500 ppm)

3. Wilflex One products undergo a quality review according to the following standards:
 - A representative product of each chemistry is tested by a third party accredited laboratory to not contain the following substances at the limit values listed below:
 - Heavy Metals: Lead (90 mg/kg), Mercury (0.5 mg/kg), Cadmium (40 mg/kg), Arsenic (100 mg/kg)
 - Organotins:
 - DOT, MBT, DBT (<1 mg/kg)
 - TBT, TPhT (<0.5 ppm)
 - Alkylphenol ethoxylates (APEO) (sum <100 mg/kg)
 - Free Formaldehyde - (ISO 14184-1) (<16 ppm)
 - Azo Dyes EN14362-1:2012 (<20ppm per amine)
 - Aromatic amines according to the EU Directive 2002/61/EC (EN 14362-1:2012)
 - DIHP, DHNUP, DMEP, BBP, DEHP, DBP, DEP, DIBP, DIDP, DINP, DIPP, DMP, DnHP, DnOP, DnPP, NPIPP, DPP (< 50 ppm)
 - PVC (Bielstein Method)
 - The Wilflex One product line is verified to not contain the following substances (<1 ppm) based on certifications or CAS# searches of the individual components provided by the raw material suppliers:
 - Flame Retardants: TRIS, TEPA, or PBB
 - Natural Rubber and Latex
 - Short chain chlorinated paraffin
 - Pesticides
 - BPA
 - Chlorinated Phenols
 - Dimethylfumerate (CAS# 624-49-7)
 - Octabromodiphenyl ether
 - Decabromodiphenyl ether
 - Pentabromodiphenyl ether
 - Heavy Metals: Antimony, Barium, Chromium (VI), Nickel

4. Wilflex Oasis products undergo a quality review according to the following standards (excluding Oasis Discharge products in Item #5 below):
 - A representative product of each chemistry can be tested, upon request, by a third party accredited laboratory to not contain the following substances at the limit values listed below:
 - Heavy Metals: Lead (90 mg/kg), Mercury (0.5 mg/kg), Cadmium (40 mg/kg), Arsenic (100 mg/kg)
 - Organotins:
 - DOT, MBT, DBT (<1 mg/kg)
 - TBT, TPhT (<0.5 ppm)
 - Alkylphenol ethoxylates (APEO) (sum <100 mg/kg)
 - Free Formaldehyde - (ISO 14184-1) (<16 ppm)
 - Azo Dyes EN14362-1:2012 (<20ppm per amine)
 - Aromatic amines according to the EU Directive 2002/61/EC (EN 14362-1:2012)
 - DIHP, DHNUP, DMEP, BBP, DEHP, DBP, DEP, DIBP, DIDP, DINP, DIPP, DMP, DnHP, DnOP, DnPP, NPIPP, DPP (< 500 ppm)

- PVC (Bielstein Method)
 - The Wilflex Oasis product line is verified to not contain the following substances (<1 ppm) based on certifications or CAS# searches of the individual components provided by the raw material suppliers:
 - Flame Retardants: TRIS, TEPA, or PBB
 - Natural Rubber and Latex
 - Short chain chlorinated paraffin
 - Pesticides
 - BPA
 - Chlorinated Phenols
 - Dimethylfumerate (CAS# 624-49-7)
 - Octabromodiphenyl ether
 - Decabromodiphenyl ether
 - Pentabromodiphenyl ether
 - Heavy Metals: Antimony, Barium, Chromium (VI), Nickel
 - Wilflex Oasis Intense and Wilflex Oasis Special Effects Clear products may contain residual Toluene present at levels <0.1% in the wet ink. Depending on processing conditions, the level of toluene may decrease to <30 ppm in the cured ink to be confirmed by testing.
5. Wilflex Oasis Discharge products are verified to not contain the following substances (<1 ppm) based on certifications or CAS# searches of the individual components provided by the raw material suppliers:
- Heavy Metals: Lead, Chromium, Mercury, Tin, Cadmium
 - Organotins: MBT, DBT, TBT, MOT, DOT, TPhT, TeBT, TCHT, TPT
 - Alkylphenol ethoxylates (APEO)
 - Formaldehyde (*20000WDA Wilflex Oasis Discharge Activator may form free Formaldehyde upon reaction with the ink, see also Item #6)
 - Skin Sensitizing Dyes
 - Aromatic amines according to the EU Directive 2002/61/EC
 - DNOP, DINP, DIDP, BBP, DBP, DEHP, DnDP (<500 ppm)
 - PVC
 - Flame Retardants: TRIS, TEPA, or PBB
 - Natural Rubber and Latex
 - Short chain chlorinated paraffin
 - Pesticides
 - BPA
 - Chlorinated Phenols
 - Dimethylfumerate (CAS# 624-49-7)
 - Octabromodiphenyl ether
 - Decabromodiphenyl ether
 - Pentabromodiphenyl ether
6. Free Formaldehyde can be present in all product lines containing fluorescent pigments and 20000WDA Wilflex Oasis Discharge Activator. When mixing your own colors, follow the pigment loading guidelines set forth in our IMS 3.0 System to ensure Formaldehyde levels remain below 16 ppm. You must make your own determination of suitability for your intended use and environmental acceptability, the safety and health of your employees, and purchasers of your product.

7. Wilflex Epic, Wilflex One and Wilflex Oasis metallic gold products may contain extractable Copper at levels in excess of 25 ppm. You must make your own determination of suitability for your intended use and environmental acceptability, the safety and health of your employees, and purchasers of your product.
8. Wilflex Epic Athletic Low Bleed Products (PFXATH/11195PFW) may contain residual Cobalt. You must make your own determination of suitability for your intended use and environmental acceptability, the safety and health of your employees, and purchasers of your product.
9. Wilflex products 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 15 January, 2018 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 suppliers.
10. Wilflex Epic inks may contain up to 20 ppm residual Phenol present as a trace contaminant based on information from the supplier, although the residue is below a level the supplier reports on its SDS.
11. 10150PFXFR Epic FR Concentrate is excluded from the Eco Passport Certification.
12. Wilflex products are not intended for food contact and medical device applications.

Should any of the above products fail to conform to this Statement, PolyOne will replace the product free of charge, except for products with a manufacture date more than 1 year old, or to products of any manufacture date that have not been stored and processed according to the relevant Product Information Bulletin. Product replacement is PolyOne's sole and exclusive remedy, and PolyOne disclaims all incidental, consequential, exemplary or punitive, special damages, including losses from unsold or discounted inventory or attorney's fees. You are responsible for determining the suitability of our product(s) under actual conditions of processing and end-use in accordance with regulatory and/or brand restrictions.

PolyOne disclaims any warranty beyond the statements made in this Conformity Statement, express or implied, with respect to its products, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. The above standards apply to Wilflex products only, and do not take into account other components of the final product; therefore, we are not in a position to warrant that the final product will meet FDA, EPA, or other regulatory requirements.

The provisions of this Conformity Statement supersede and replace the provisions of all other certificates and communications previously delivered relating to compliance of the above Wilflex products.

If you have questions concerning the safe use of our products or require additional information, please feel free to contact us at 1-800-326-0226.

Version 4.3

Valid April 23, 2018 through April 22, 2019

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