



**2018**  
**Uniglaze Epoxy Inks, Catalysts and Solvents (UGLZ Series).**

**Toxic Substances Control Act of 1976 (TSCA) and the TSCA Inventory Notification (Active-Inactive) Rule:**

All of the chemical components in the Union Ink Company Uniglaze Epoxy Inks, Catalysts and Solvents (UGLZ Series) are listed in the TSCA Inventory.

**REACH Substances of Very High concern (SVHC):**

Based on the information and representation given to us by the suppliers of the materials we use to manufacture the Uniglaze Epoxy Inks, Catalysts and Solvents, Union Ink can state that these products do not contain any of the chemicals listed on the European Chemicals Agency (ECHA) list of Substances of Very High Concern (SVHC) as identified by the European Chemicals Agency (ECHA). This includes the new candidates added June 27, 2018 (191 total candidates). Union Ink neither knowingly, nor willingly, nor intentionally adds these chemicals to the above listed products.

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

Based on the information and representation given to us by the suppliers of the materials we use to manufacture the Uniglaze Epoxy Inks, Catalysts and Solvents, Union Ink can state that these 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. Union Ink 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 these products.

**Dodd-Frank S-1502:**

Based on the information and representation given to us by the suppliers of the materials we use to manufacture the Uniglaze Epoxy Inks, Catalysts and Solvents, Union Ink can state that these products do not contain any Conflict Minerals (Gold, Tungsten, Tantalum, or Tin), as described in Dodd-Frank S-1502. Union neither knowingly, nor willingly, nor intentionally adds Conflict Minerals to these products.

**Heavy Metals:**

Based on the information and representation given to us by the suppliers of the materials we use to manufacture the Uniglaze Epoxy Inks, Catalysts and Solvents, Union Ink can state that these products do not contain heavy metals, including lead, arsenic, cadmium, mercury, nickel, or chromium.



**Phthalates:**

Based on the information and representation given to us by the suppliers of the materials we use to manufacture the Uniglaze Epoxy Inks, Catalysts and Solvents, Union Ink can state that these products are formulated to be non-phthalate. These products do not contain any esters of ortho-phthalic acid, including Bis(2-ethylhexyl) phthalate (DEHP), Butyl Benzyl phthalate (BBP), Dibutyl phthalate (DBP), and Diisobutyl phthalate (DIBP).

**Other:**

The Uniglaze Epoxy Inks, Catalysts and Solvents:

- Are formulated without animal by-products or insects.
- No animals were used in the development or testing.
- Are formulated without Ozone depleting chemicals according to CONEG.
- Do not contain bisphenol A (BPA)
- Do not contain latex
- Do not contain Carbon Blacks made using the impingement (channel) process.”

Our suppliers certify to us only on representative batches and do not guarantee each individual shipment; therefore, we recommend that your laboratory test the individual batches shipped if an absolute determination is required.

If there are specific questions, call Union Ink at (800) 438-5134.

Union Ink Company  
Compliance Department

Kimberly C Leitch  
Environmental Coordinator

October 31, 2018