

August 3, 2021

# Environmental Statement

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Dear Customer,

This environmental statement covers the raw materials and/or components combined to make the following products to the best of our knowledge and confirmations from our suppliers.

|                       |                              |                            |
|-----------------------|------------------------------|----------------------------|
| INK-417 ink series    | Hardener BH/N                | Colorbond UV V8 Black      |
| INK-434 ink series    | Hardener BH/GL               | Colorbond UV V8 White      |
| INK-438 ink series    | Hardener H1                  | Colorbond UV V9 Black      |
| INK-478 ink series    | Hardener LMN                 | Colorbond UV V9 White      |
| INK-B ink series      | Retarder SV3                 | Transjet V8 Flush Solution |
| INK-B/GL ink series   | Retarder SV5                 | Transjet V9 Flush Solution |
| INK-M ink series      | Retarder TPD                 |                            |
| INK-N ink series      | Retarder VZ                  |                            |
| INK-HS ink series     | Retarder Paste VP            |                            |
| INK-O ink series      | Thinner 35928                |                            |
| INK-P ink series      | Thinner 38472                |                            |
| INK-PG ink series     | Thinner 38571                |                            |
| INK-PH ink series     | Thinner 472                  |                            |
| INK-PK ink series     | Thinner B                    |                            |
| INK-PM ink series     | Thinner BGA                  |                            |
| INK-PP ink series     | Thinner C                    |                            |
| INK-PV ink series     | Thinner PPTPV                |                            |
| INK-R ink series      | Thinner TPV                  |                            |
| INK-SK ink series     | Thinner TPV2                 |                            |
| INK-TP282 ink series  | Thinner UV 700299            |                            |
| INK-TPR ink series    | Thinner VD                   |                            |
| INK-TPU ink series    | Thinner VD-00                |                            |
| INK-TPY ink series    | Thinner VDS380               |                            |
| INK-UPP ink series    | Thinner VDS1015              |                            |
| INK-UV2002 ink series | Additive 439                 |                            |
| INK-UV401 ink series  | Adhesive Primer 484          |                            |
| INK-UVA ink series    | Adhesion Promoter FX209      |                            |
| INK-UVAB ink series   | Antistatic Gel Reducer       |                            |
| INK-UVC ink series    | AS1 Antistatic Liquid        |                            |
| INK-UVE ink series    | Dibasic Ester                |                            |
| INK-UVG ink series    | Long Life Oil                |                            |
| INK-UVHC ink series   | Pad Cleaner                  |                            |
| INK-W ink series      | Polypropylene Powder 1205121 |                            |
| Hardener 440          | Synthetic Cleaner            |                            |
| Hardener BH           | Washout Liquid R241          |                            |

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## REACH

These products do not contain any of the substances listed in REACH Candidate List of Substances of Very High Concern (SVHC), updated on July 8, 2021 (currently 219 substances).

The SVHC are subject of authorization and restriction per REACH Regulation Article 57:

- CMR = cancerogenic, mutagenic, toxic for reproduction (Cat. 1A and Cat. 1 B, according to CLP-Regulation (EC) No. 1272/2008)
- PBT = persistent, bioaccumulative, toxic
- vPvB = very persistent, very bioaccumulative
- scientific evidence of probable serious effects to human health or the environment

The mentioned substances are not part of the product formulations. According to the information from raw material suppliers these substances are not contained in the raw materials, except in technical unavoidable trace contents, potentially. These substances are not used during the manufacturing process. All products meet the maximum threshold limit value of 0.1% by weight for each substance.

### REACH Exceptions:

| Product           | Component & CAS#                 | % contained in product |
|-------------------|----------------------------------|------------------------|
| Hardener BH-GL    | Ethylenediamine (EDA) / 107-15-3 | 0.25-1                 |
| Hardener BH-GL-02 | Ethylenediamine (EDA) / 107-15-3 | 0.25-1                 |
| Hardener BH-GL-03 | Ethylenediamine (EDA) / 107-15-3 | 0.25-1                 |

### REACH (Annex XVII)

These products do not contain any of the substances listed in the REACH Annex XVII. Exceptions are listed below.

### REACH (Annex XVII) Exceptions:

| Product             | Component & CAS#                              | % contained in product |
|---------------------|---|------------------------|
| Ink-434             | Toluene / 108-88-3                            | 0.1-0.25               |
| Dibasic Ester       | Methanol / 67-56-1                            | 0-0.2                  |
| Pad Cleaner         | Methanol / 67-56-1                            | 1-20                   |
| Retarder VZ         | Diethylene Glycol mono-Butyl Ether / 112-34-5 | 80-100                 |
| Washout Liquid R241 | Methanol / 67-56-1                            | 0-5                    |

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### RoHS, RoHS 2, and RoHS 3

These products comply with the requirements of directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast of RoHS directive 2002/95/EC), amended by Delegate Directive (EU) 2015/863 and 2016/585.

The mentioned products do not contain any of the following substances in amounts exceeding the maximum concentration levels.

Cadmium (Cd) (0.01%)

Lead (Pb) (0.1%)

Mercury (Hg) (0.1%)

Hexavalent Chromium (Cr VI) (0.1%)

Polybrominated Biphenyls (PBB) (0.1%)

Polybrominated Diphenyl Ethers (PDBE, including Decabrominated Diphenylether (Deca-BDE)) (0.1%)

Bis (2-Ethylhexyl) phthalate (DEHP) (0.1%)

Butyl benzyl phthalate (BBP) (0.1%)

Dibutyl phthalate (DBP) (0.1%)

Diisobutyl phthalate (DIBP) (0.1%)

According to the information provided by the suppliers of the constituent components, these substances are not part of the raw material. They are not used during the manufacturing process.

### EU MDR: REGULATION (EU) 2017/745 on medical devices (EU MDR)

These products do not contain any of the substances listed in the EU MDR, Annex I, Chapter II, Section 10.4.1 - CMR 1A/1B substances with Hazard Statement Codes H340, H350, and H360 for MDR affected Mutagenic, Carcinogenic, and Reproductive toxicants 1A/1B and Endocrine disruptors in the REACH Candidate list. Exceptions are listed below.

#### EU MDR Exceptions:

| Product                | Component & CAS#                                      | % contained in product |
|------------------------|---|------------------------|
| Antistatic Gel Reducer | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 40-60                  |
| AS1 Antistatic Liquid  | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 25-50                  |
| Hardener BH/GL         | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 25-50                  |
| Ink-417                | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 5-10                   |
| Ink-434                | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 20-25                  |
| Ink-478                | 2-methoxypropyl acetate / 70657-70-4                  | 0.1-0.25               |
| Ink-478                | Tris(nonylphenyl) phosphite / 26523-78-4              | 0.1-0.25               |

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|                                  |   |         |
|----------------------------------|---|---------|
| Ink-P                            | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 5-10    |
| Ink-PH                           | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 5-10    |
| Ink-PH                           | Naphtha (petroleum), heavy alkylate / 64741-65-7      | 2.5-5   |
| Ink-PK                           | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 10-20   |
| Ink-PM                           | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 25-50   |
| Ink-PP                           | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 10-20   |
| Ink-SK                           | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 10-20   |
| Ink-TP282                        | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 20-25   |
| Ink-TPR                          | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 2.5-10  |
| Ink-TPU                          | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 2.5-10  |
| Ink-TPY                          | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 20-25   |
| Ink-UV401                        | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 1-2.5   |
| Ink-UV401                        | Naphtha (petroleum), heavy alkylate / 64741-65-7      | 1-2.5   |
| Ink-UPP                          | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 10-20   |
| Retarder TPD                     | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 5-10    |
| Synthetic Cleaner<br>Ink Remover | 2-methoxypropanol / 1589-47-5                         | 0-1     |
| Thinner PPTPV                    | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 50-100  |
| Thinner TPV                      | 2-methoxypropyl acetate / 70657-70-4                  | 0.1-0.3 |
| Thinner VD-00                    | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 25-50   |
| VD Thinner                       | Solvent naphtha (petroleum), light arom. / 64742-95-6 | 20-30   |

## Persistent Organic Pollutants (POP)

These products comply with Annex I of EU Regulation No 2019/1021 on the restriction of persistent organic pollutant (POP) chemicals.

According to the information provided by the suppliers of the constituent components, these substances are not part of the raw material. They are not used during the manufacturing process.

## Proposition 65 (March 19, 2021)

These products do not contain ingredients listed in the California Proposition 65 list (dated December 18, 2020) as part of their formulations. An exception is black color shades which may contain CAS# 1333-86-4 Carbon Black pigment. This carbon black is not, however, "airborne and unbound" as it is offered in the pad printing inks. Other exceptions (where applicable) are listed with each respective product.

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### Prop 65 Exceptions:

| Product                 | Component & CAS#                  | % contained in product |
|-------------------------|-----------------------------------|------------------------|
| Adhesion Promoter FX209 | Ethylbenzene / 100-41-4           | 10-20                  |
| Adhesive Primer 484     | Ethylbenzene / 100-41-4           | 10-20                  |
| Antistatic Gel Reducer  | Cumene / 98-82-8                  | 0.5-1.5                |
| AS1 Antistatic Liquid   | Ethylbenzene / 100-41-4           | 0-1                    |
| Dibasic Ester           | Methanol / 67-56-1                | 0-0.2                  |
| Hardener BH/N           | Ethylbenzene / 100-41-4           | 2.5-5                  |
| Hardener H1             | Ethylbenzene / 100-41-4           | 1-2.1                  |
| Ink-417                 | Ethylbenzene / 100-41-4           | 2.5-5                  |
| Ink-434                 | Ethylbenzene / 100-41-4           | 1-2.5                  |
| Ink-434                 | Toluene / 108-88-3                | 0.1-0.25               |
| Ink-PK                  | Ethylbenzene / 100-41-4           | 1-2.5                  |
| Ink-PM                  | Ethylbenzene / 100-41-4           | 1-2.5                  |
| Ink-TPU                 | Ethylbenzene / 100-41-4           | 1-3.4                  |
| Pad Cleaner             | Methyl Isobutyl Ketone / 108-10-1 | 0-1                    |
| Pad Cleaner             | Methanol / 67-56-1                | 1-20                   |
| Thinner 472             | Ethylbenzene / 100-41-4           | 1-2.5                  |
| Thinner B               | Ethylbenzene / 100-41-4           | 0-5                    |
| Thinner VDS1015         | Ethylbenzene / 100-41-4           | 5-10                   |
| Washout Liquid R241     | Methanol / 67-56-1                | 0-5                    |
| Washout Liquid R241     | Methyl Isobutyl Ketone / 108-10-1 | 0-1                    |

### IMDS (International Material Data System)

The IMDS Committee, many years ago, created an IMDS number for all pad and screen-printed inks (this includes the thinner and hardener utilized in those processes). That number is “Published Material ID: 9448512”. There is no separate submission for individual pad printing inks, thinners, hardeners, etc.

### U.S. Toxic Substances Control Act (TSCA)

All ingredients in these products are included on the TSCA inventory and listed as Active. They are not subject to any TSCA test rule, order, SNUR, or specific regulation issued under TSCA Sections 4, 5, 6, or 7, and they are not subject to the TSCA 12(b) Export Notification requirements. All these products are in full compliance with TSCA.

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## Toxics Release Inventory (TRI)

According to the information provided by the suppliers of the constituent components, the mentioned products do not contain any of the TRI-listed chemicals. They are not used during the manufacturing process.

## Conflict Minerals

Trans Tech supports the aims and objectives of the US legislation on the supply of Conflict Minerals.

We do not knowingly procure any tin, tantalum, tungsten or gold that originates from the Conflict Region, unless they originate from mines or smelters that are certified as "conflict free". To ensure compliance with the Dodd-Frank Act, we are asking our suppliers to undertake reasonable due diligence with their supply chains to determine whether the specified metals are being sourced from:

1. mines and smelters outside the Conflict Region or
2. mines and smelters which have been certified by an independent third party as "conflict free" if sourced within the Conflict Region.

This due diligence includes having our suppliers provide written documentation as to whether products containing the raw materials tin, tantalum, tungsten, and gold used in the manufacture of our products, originate from outside the Conflict Region or, if they originate from within the Conflict Region, that the mines or smelters be certified as "conflict free" by an independent third party. If we discover that tin, tantalum, tungsten or gold procured by us is produced in the Conflict Region from facilities that are not certified "conflict free" facilities, we will use our best efforts to transition the product to be conflict free.

## Asbestos

According to the information from suppliers of the constituent components, asbestos is not part of the raw materials of the above listed products. Asbestos is not part of the formulations and is not intentionally added during the manufacturing process.

## Phthalates

According to the information from suppliers of the constituent components, phthalates are not part of the raw materials of the above listed products. Phthalates are not part of the formulations and are not intentionally added during the manufacturing process.



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## Animal Origin

According to the information from suppliers of the constituent components and the processes used to manufacture our products, the above listed items are free from:

1. Transmissible Spongiform Encephalopathy (TSE)
2. Bovine Spongiform Encephalopathy (BSE)
3. Animal derived materials

## Latex

According to the information from suppliers of the constituent components and the processes used to manufacture our products, the above listed items are not produced with latex. Latex is not part of the formulations and is not intentionally added during the manufacturing process.

## BPA (Bisphenol A)

The following products do not have Bisphenol A (BPA) as an ingredient of their formulations. BPA is not intentionally added during the production of these products.

|   |                              |
|---|------------------------------|
| INK-417 ink series  | Hardener H1                  |
| INK-434 ink series  | Hardener LMN                 |
| INK-438 ink series  | Polypropylene Powder 1205121 |
| INK-B ink series (exception: may contain less than 10mg/kg / 10ppm / 0.001%)    | Retarder TPD                 |
| INK-B/GL ink series (exception: may contain less than 10mg/kg / 10ppm / 0.001%) | Retarder VZ                  |
| INK-N ink series (exception: contains 20-25%)                                   | Thinner 472                  |
| INK-P ink series  | Thinner 35928                |
| INK-PH ink series   | Thinner 38472                |
| INK-PM ink series   | Thinner 38571                |
| INK-PP ink series   | Thinner B                    |
| INK-PV ink series   | Thinner BGA                  |
| INK-SK ink series   | Thinner C                    |
| INK-W ink series (exception: may contain less than 10mg/kg / 10ppm / 0.001%)    | Thinner PPTPV                |
| Ink-UPP ink series  | Thinner TPV                  |
| Hardener BH   | Thinner TPV2                 |
| Hardener BH/N   | Thinner VD                   |
|   | Thinner VD-00                |
|   | Thinner VDS380               |
|   | Adhesive Primer 484          |

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Hardener BH/GL

### Chlorinated Paraffins

The following products do not have Chlorinated Paraffins as an ingredient of their formulations. Chlorinated Paraffins are not intentionally added during the production of these products.

INK-B ink series  
Hardener BH

### PCB's

The following products do not have PCB's as an ingredient of their formulations. PCB's are not intentionally added during the production of these products.

INK-B ink series  
Hardener BH

### Polychloronaphthalenes

The following products do not have Polychloronaphthalenes as an ingredient of their formulations. Polychloronaphthalenes are not intentionally added during the production of these products.

INK-B ink series  
Hardener BH

### Antimony Trioxide

The following products do not have Antimony Trioxide as an ingredient of their formulations. Antimony Trioxide are not intentionally added during the production of these products.

INK-B ink series  
Hardener BH



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## Nitrosamines

The following products do not contain any known Nitrosamine impurities, which include but are not limited to:

- N-nitrosodimethylamine (NDMA),
- N-nitrosodiethylamine (NDEA),
- N-diisopropylnitrosoamine (NDIPA),
- N-ethyl-N-isopropylnitrosoamine (NEIPA),

which are considered to be carcinogenic. These substances are not part of the formulation recipes. They are not intentionally added. According to the information from raw material suppliers, these substances are not contained in the raw materials, neither as a constituent nor as known impurity.

INK-434 ink series

The above information is provided based on the best of our knowledge and from information supplied by raw material suppliers. Please feel free to contact me if you should have any questions.

Sincerely,

A handwritten signature in black ink that reads "Prasanth".

Prasanth Bijjam  
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