


Sharpen your Sustainable edge with the new HP Latex 2700 printer series


The last generation of HP Latex Ink brings more innovation than previous generations. The result is HP Latex 2700 printer series meet many toys safety standards¹, UL ECOLOGO certification², and many other health and environmental achievements, which are described below.

Designed for operator safety


Outstanding health and safety performance




UL Ecologo²




Original HP Latex Ink water-based technology




ROADMAP TO ZERO⁸
Level 1 – Zero Discharge of Hazardous Chemicals (ZDHC)




No HAPs³



No special transportation, handling, storage⁴




No reactive monomer chemistry⁵




No required hazard warning labels^{6,7}

Designed for your customers safety


The most environmentally certified technology




Greenguard⁹
Unrestricted, no-wait




EN 71-3 + EN 71-9¹
European Children Toy Health & Safety Norm Europe: EN 71-3, EN 71-9



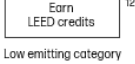
Comply with toy safety standards in USA, Canada¹



EMISSIONS DANS L'AIR INTÉRIEUR¹⁰
A+ A B C
French VOC rated A+ (very low emission)




Odorless prints¹¹




Earn LEED credits¹²
Low emitting category

Designed with the environment in mind


Responsible design. Responsible end-of-life



HP Planet Partners¹³



FSC¹⁵
www.fsc.org
FSC® C116119



Eco-conscious media¹⁶

Designed for operator safety

When it comes to providing a safe place for your operators to work, the chemical composition of your chosen ink has a significant impact on your overall environmental and safety profile. The new generation of Latex Inks mixtures are manufactured using carefully selected ingredients that ensure high print quality without endangering the user safety.



The new generation of Latex Inks mixtures consist mainly of water (water up to 65%, wetting agent and humectant), pigments, and latex polymers. They do not contain intentionally added components such as PVC, HAPs³, SVHCs¹⁷, VPVBs¹⁸, or restricted azo dyes, that would constitute a health risk for users.



No required hazard warning labels

In fact, the HP Latex inks mixtures are not classified as hazardous according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), the assessment criteria for mixtures in the European Union (Regulation (EC) No 1272/2008, as amended)⁶, and applicable requirements in the United States (OSHA CFR 1910.1200, as amended)⁷. They are neither classified nor labelled as toxic, carcinogenic, mutagenic, toxic to reproduction, sensitizing, or corrosive.



UL ECOLOGO® Certification² - A prominent, voluntary certification issued by UL Environment and recognized worldwide. ECOLOGO® Certification demonstrates that an ink meets a range of multi-attribute, lifecycle-based stringent criteria related to human health and environmental considerations. The standard criteria include testing for heavy metals content and solvents, requirements for low VOC content levels, as well as product recyclability.

HP was the first printing manufacturer to have ECOLOGO® Certified ink.



Roadmap to Zero⁸ - collaborative industry initiative, sets ambitious sustainability standards eliminating hazardous chemicals from textile and apparel production to help contribute to cleaner air and water

Designed for our customers safety

Customers value transparency, and third-party certifications are a good way to display it.



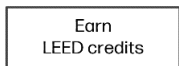
UL GREENGUARD Gold Certification⁹ - internationally renowned 3rd party certification program, awarded for meeting rigorous indoor emissions limits.



Toy safety suitability¹ - safety standards as defined for toys in European Union, the United States, and Canada (EN 71-3/EN 71-9, ASTM F963-17, US 16 CFR Part 1303 and 1307, Canada SOR/2011-17 section 23, as amended), which screen for problematic heavy metals, amines, and colorants.



French "Emissions dans l'air interieur » benchmarks¹⁰ - framework for assessing indoor VOC emissions from interior applications including e.g., latex-based wallpapers.



LEED credit program¹² - rating system that provides a framework for healthy, highly efficient, and cost-saving green buildings. GGG latex prints might be acceptable for EQ Credit Low Emitting Materials.

Designed with the environment in mind



HP launched the HP Planet Partners¹³ recycling cartridges, printhead and hardware. This program was first launched over 30 years ago and is available in 68 countries and territories around the world. HP Planet Partners allows proper recycling of the new generation of HP Latex ink printheads and ink-bag Latex ink cartridges for free.



Our new HP carton-based Cartridge, containing 100% recycled fiber and 25% recycled plastics from our closed-loop recycling process, beverage bottles, and UL-validated ocean-bound plastic resins¹⁴.



FSC® certified papers¹⁵ – The HP large format printing materials portfolio includes a wide range of FSC®-certified papers. These papers carry the Forest Stewardship Council® (FSC) Mix label, signifying that these media support the development of responsible forest management worldwide. See [fsc.org](https://www.fsc.org) for more information.



Eco-conscious media¹⁶ – HP applications experts have evaluated the catalogue of media listed in the HP Media Locator to identify those that present an environmental benefit when compared to the typical media used for that application. Just look for the 'green leaf' icon in the HP Media Locator to help make a more sustainable impact. See printos.com/ml/#/medialocator

Learn more at

hp.com/go/environment and hp.com/go/SCC

Supporting references

¹ The last generation of HP Latex Inks have been tested and demonstrated compliance to the following toy safety methods and protocols: EN 71-3, EN 71-9, ASTM F963-17, US 16 CFR 1303, US 16 CFR 1307, SOR 2011-17, and SOR 2018-83. HP does not recommend using the inks for toys intended to target children under the age of 3 years.

² UL ECOLOGO® Certification to UL 2801 demonstrates that an ink meets a range of stringent criteria related to human health and environmental considerations (see ul.com/EL).

³ HP Latex Inks were tested for Hazardous Air Pollutants, as defined in the Clean Air Act, per U.S. Environmental Protection Agency Method 311 (testing conducted in 2013) and none were detected.

⁴ Water-based HP Latex Inks are not classified as flammable or combustible liquids under the USDOT or international transportation regulations. Testing per the Pensky-Martens Closed Cup method demonstrated flash point greater than 110° C (230° F).

⁵ Printing with HP Latex Inks avoids the problematic reactive monomers associated with UV printing. Acrylate monomers present in uncured UV inks and UV-gel inks can damage skin.

⁶ Regulation (EC) No 1271/2008 on classification, labelling and packaging of substances and mixtures, European Parliament and Council, 2008 (as amended).

⁷ Occupational Safety and Health Standards, Toxic and Hazardous Substances, 1910.1200, U.S. Occupational Safety and Health Administration (OSHA), 2012 (as amended).

⁸ UL tested and certified HP Latex inks comply to ZDHC requirements. ZDHC is an organization dedicated to eliminating hazardous chemicals and implementing sustainable chemicals in the leather, textile, and synthetics sectors. The Roadmap to Zero Program is a multi-stakeholder organization which includes brands, value chain affiliates, and associates, that work collaboratively to implement responsible chemical management practices. For more information, see roadmaptozero.com.

⁹ GREENGUARD GOLD Certification to UL 2818 demonstrates that products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg or greenguard.org.

¹⁰ Émissions dans l'air intérieur provides a statement on the level of emission of volatile substances in indoor air posing health risks if inhaled—on a scale from A+ (very low-emission) to C (high-emission). Wall decorations printed with HP Latex Inks and HP PVC-free Wallpaper are rated A+ according to Émissions dans l'air intérieur. See anses.fr/en/content/labelling-building-and-decoration-products-respect-voc-emissions

¹¹ There is a broad set of media with very different odour profiles. Some of the media can affect the odour performance of the final print. Based on sensory evaluations conducted by Odournet done according to VDI Guideline 3882 where HP Latex inks were characterized as “weak” in odour intensity and “neutral” for hedonic tone.

¹² To obtain US LEED credits based on FSC® certification, the builder must purchase HP PVC-free Durable Smooth Wallpaper printed with HP Latex Inks from an FSC Chain of Custody certified print service provider. To obtain LEED credits based on UL GREENGUARD Gold Certification, HP PVC-free Durable Smooth Wallpaper printed with HP Latex Inks must be part of a wall system in which all components are UL GREENGUARD Gold Certified.

¹³ Visit hp.com/recycle to see how to participate and for HP Planet Partners program availability; program may not be available in your jurisdiction. Where this program is not available, and for other consumables not included in the program, consult your local waste authorities. on appropriate disposal. Compared to majority of competing in-class OEM ink & laser printer supply recycling programs. Criteria: size, reach, recycled content use, upcycling & eco award/ranking. HP-commissioned Aug 2020 InfoTrends research report. Market share: IDC Q2'20 Hardcopy Peripheral Tracker. Program availability varies. See hp.com/go/recycle & keypointintelligence.com/HPPlanetPartners

¹⁴ HP received the first UL Recycled Content Validation for ocean-bound plastics under the UL 2809 Environmental Claim Validation Procedure. For more information, see ul.com/news/hp-receives-first-recycled-content-validation-ocean-bound-plastics-ul

¹⁵ Applicable to select HP large format printing materials. BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions. For information about HP large format printing materials, please visit HPLMedia.com.

¹⁶ HP applications experts have evaluated the catalog of media listed in the HP Media Locator based on internal criteria to identify those that provide alternative solutions with certain environmental benefits compared to the typical media within the same application type. The information in media locator is provided by the Media substrate Vendors. HP is not responsible for the veracity of the information from third-party companies published on HP website. See printos.com/ml/#/medialocator

¹⁷ Substances identified as “very high concern” (SVHC) according to Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (EU REACH).

¹⁸ Substances identified as “very persistent and/or very bioaccumulative” (VPVB) according to EU REACH