

**Launching UH71 UV hard type ink:  
TPO- and SVHC-free, compliant with EU regulations**

MUTOH INDUSTRIES LTD.

MUTOH INDUSTRIES LTD. (Headquarters: Setagaya-ku, Tokyo, President: Yasuhiko Isobe; hereafter referred to as “MUTOH”), is pleased to announce the sale of its new UV-curable hard type UH71 ink, designed for UV-LED inkjet printers, starting May 19<sup>th</sup> in Japan. This ink does not contain TPO\*<sup>1</sup> (a UV-curing photoinitiator) or substances classified as SVHC (Substances of Very High Concern)\*<sup>2</sup>. Global sales in other regions, such as EMEA, are planned to begin subsequently.

In recent years, driven by stricter chemical regulations, Europe has seen increased demand for ink safety and environmental responsibility. TPO was added to the SVHC list under the REACH regulation in Europe and since 2025 the sale of cosmetics containing TPO has been banned in the EU region, reflecting the ongoing strengthening of regulations. In response to these developments and factoring in the trajectory towards stricter regulatory controls, MUTOH is launching UH71, a new UV hard type ink, which does not contain substances classified as CMR Category 1 (1A or 1B)\*<sup>3</sup> or listed under SVHC.

MUTOH has been offering US61, a TPO- and SVHC-free UV soft type ink, since 2023. With the addition of hard type UH71 ink, MUTOH's lineup now supports a wider range of applications. UH71 can be used to print on and decorate a variety of rigid materials, including custom-made goods and novelty items such as acrylic keychains; industrial parts and plastic components; and store displays and signage.

Characteristics of UH71 ink:

1. TPO-and SVHC-free, considerate of worker safety and the environment.
2. Excellent adhesion to acrylic and other materials. High abrasion resistance.
3. Suitable for Clear ink (glossy or matte) and braille printing.
4. UL GREENGUARD Gold\*<sup>4</sup> certified, meeting rigorous chemical emissions standards.

Additionally, MUTOH Europe is scheduled to exhibit the UH71 ink alongside XpertJet 1462UF, a UV inkjet printer, at FESPA Global Print Expo 2026, which will be held in Barcelona from May 19 to 22, 2026.

Notes:

\*1: A compound commonly added as a photoinitiator to cure UV inks. Refers to TPO (diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide).

\*2: Substances of Very High Concern under the European REACH regulation are chemical substances identified as candidates for authorization due to their potential to have serious effects on human health or the environment.

\*3: CMR refers to substances that are carcinogenic, mutagenic, or reprotoxic. Category 1 includes substances known or presumed to have such toxic effects on humans.

\*4: A certification system by a third-party organisation aimed at reducing indoor air pollution and exposure to chemical substances. It indicates that the tested product meets the rigorous chemical emission standards and releases low levels of chemicals into indoor environments.

#### UH71 Specifications

Product name	UH71
Ink type	UV-LED ink (hard type)
Configuration	6 colors (Cyan, Magenta, Yellow, Black, White, Clear)
Capacity	800 ml ink bag
Safety	TPO-free, SVHC-free, UL GREENGUARD Gold certified
Supported models	XpertJet 1462UF

By bringing the new UV-LED UH71 ink to the market, we will further advance our efforts in promoting customer health and environmental impact. MUTOH aspires to be a corporate group that is constantly evolving, creating value, and continuing to provide “reliability” and “trust” to its users.

#### Contact

MUTOH HOLDINGS CO. LTD.

Legal department public relations

E-mail: [mutoh-legal@mutoh.co.jp](mailto:mutoh-legal@mutoh.co.jp)

Homepage: <https://www.mutoh-hd.co.jp/en/>