

KIMDURA® INKJET CASE STUDY

How Reliance Label Solutions used Neenah's **Kimdura® Inkjet** film to help a leading manufacturer and blender of specialty chemicals meet GHS labeling standards



OVERVIEW

GHS for the Classification and Labeling of chemicals was developed as a way to standardize communication of chemical classification that transcended country-specific languages. Through **printed uniform symbols** and elements, specific hazards relating to chemical usage and handling could be avoided or minimized. While inkjet and laser printing can achieve the same basic goal – to put an image or text on a substrate – the results from both can vary widely.

When a leading manufacturer and blender of specialty chemicals approached Reliance Label Solutions looking for a way to **visually represent** their brand and **safely** communicate their products in accordance with **GHS guidelines**, they were matched with a substrate and print technology that enabled both of their goals.

“Kimdura®, combined with pigmented ink, gives us a **high-quality image** with **chemical resistance** that laser printed labels can’t match. It’s important not only for **BS5609 requirements**, but for the visual look of our brand and products.”

-Director, EHS
U.S. Manufacturer and Blender of Specialty Chemicals

APPROACH

- **PRINT QUALITY:** Pigment-based inkjet inks in conjunction with **Kimdura® Inkjet**'s unique coating formula, are regarded as producing the highest quality images. With the GHS-standard requiring the use of a pictogram on chemical labels, this manufacturer of specialty chemicals selected **Kimdura® Inkjet** for its **superior ink holdout**.
- **SAFETY:** The static charge introduced to a substrate when printing with laser platforms can be dangerous, especially in environments where solvents and chemicals are present. Reliance Label Solutions wisely recommended printing the labels with inkjet technology to **minimize electrostatic buildup**.
- **CHEMICAL RESISTANCE:** As a manufacturer and blender of chemicals, ensuring the drum label can withstand exposure to a wide range of chemicals was essential in choosing the right face stock. This U.S. based company chose **Kimdura® Inkjet** for its exceptional **resistance to harsh chemicals** when printed with pigment-based inks.
- **DURABILITY:** With locations across the globe, this chemical manufacturer required labels that could allow for the safe transport of their products across oceans. **Kimdura® Inkjet** has passed 90-day salt water immersion and abrasion testing earning the face stock **BS5609 certification** – the gold standard in label durability.

RESULTS



15+

The number of chemicals and solvents to which Kimdura® Inkjet has demonstrated resistance



90

The number of days a label is required to withstand salt-water immersion to earn the BS5609 certification



0:00

The time required for pigment inks to dry* when printed on Kimdura® Inkjet

*when using Epson Colorworks in conjunction with DURABrite pigment inks