

Nantes, December 10th, 2024

Technical documentation

General Product Security Regulation (GPSR) 2023/988
Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU
Waste Electrical and Electronic Equipment (WEEE) 2012/19/EU
Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
1907/2006/EU
Classification, Labelling, Packaging (CLP) 2024/2865/EU
ElectroMagnetic Compatibility (EMC) Directive 2014/30/EU

1. Introduction

This document presents the measures put in place by ARMOR PRINT SOLUTIONS SAS (ALTKIN) to guarantee the compliance of its products with current and relevant regulations as the requirements of the General Product Safety Regulation (GPSR - Regulation (EU) 2023/988), Restriction of Hazardous Substances Directive (RoHS 2011/65/EU) and all listed regulations applicable in the European Union.

2. Description of company and products

- **Company name:** ARMOR PRINT SOLUTIONS SAS (ALTKIN)
- **Address:** 17 boulevard de Chantenay, 44100 Nantes, France
- **Website:** altkin-group.com
- **Business sector:** productions and sales of printings consumables
- **Concerned products:** cartridges and spare parts for laser, copier, inkjet, franking and labelling printers.
- **Product details:** cartridges are made with different raw materials such as ink, toner powder and electronic chips, these are the main components to be considered as potentially entering some CE regulations or with security aspects.
- **Instruction of use:** our products must be used in accordance with the recommendations available and described in the Printer manuals.

3. Compliance with product safety requirements

3.1. Risk analysis

During the conception and qualification steps, products are tested according to normal and reasonably foreseeable conditions, under which the product will be used. Such tests will determine potential hazards.

During production steps, similar tests are done to confirm the quality and the normal behavior of the products regarding security aspects.

Tests are done in accordance with the printer manufacturers' recommendations.

3.2 Compliance with harmonized standards

ARMOR PRINT SOLUTIONS SAS verifies that its products comply with harmonized standards or any other relevant standards, including those specified in European legislation on product safety. Products are designed and manufactured in compliance with these standards to minimize risks to consumer health and safety.

Relevant regulations:

- WEEE 2012/19/EU : Waste Electrical and Electronic Equipment
- REACH 1907/2006/EU : Registration, Evaluation, Authorization and Restriction of Chemicals
- CLP 2024/2865/EU: Classification, Labelling, Packaging
- RoHS 2011/65/EU and the updated versions
- EMC Directive 2014/30/EU

Our sorting center of laser and inkjet cartridges is WEELABEX certified to ensure that WEEE is treated in a proper way.

Based on long-term relationships with our suppliers, whose are well known in our market and leaders in their fields, raw materials we purchase fulfilled all requirements listed into CE regulations, as RoHS 2011/65/UE, REACH and the updated versions.

Either they are compliant or not in the scope of such regulations.

Material Safety Data Sheet (MSDS) from our suppliers are checked in our own software to analyze risks. Our own MSDS' are created according to the latest regulations, managed by regular updates of our software.

Concerning EMC Directive 2014/30/EU, the chips used in the cartridges are not able to generate electronic emissions to a level that would prevent radio and telecommunications equipment from operating as intended. According to article 2, chapter 2, line d), our products are out of the scope of the EMC Directive 2014/30/EU.

4. Product traceability

For each product placed on the market, ARMOR PRINT SOLUTIONS SAS (ALTKIN) ensures traceability by assigning a unique batch or serial number to each product or series of products.

Such traceability gives access to component details of each product.

5. Hazard notification and product recalls

5.1. Hazard notification system

The company undertakes to continuously monitor products placed on the market and to report any hazards or incidents relating to product safety. In the event of a danger to consumer safety, the company:

- Notifies the competent authorities as soon as possible, in accordance with Article 7 of the GPRS.
- Takes the necessary measures to minimize the risk (recall, replacement, repair, etc.).
- Informs consumers clearly and promptly of the action to be taken.

5.2. Product recall procedure

If a product is deemed to be non-compliant or dangerous, the company implements its recall procedure:

- Identification of the products concerned: Batch, series, description.
- Contact with consumers and distributors to organize the return of products.
- Gathering information on the incident for post-recall analysis and process improvement.

6. Conclusion

This document presents the steps taken by ARMOR PRINT SOLUTIONS SAS (ALTKIN) to ensure the safety of its products and guarantee their compliance with relevant regulations as the GPSR Regulation, RoHS Directive and all listed regulations. The company implements rigorous controls to minimize risks to consumers and responds rapidly to any safety issues.

Julien THEBAUD

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Quality Manager



