Epson inks comply with Food Contact Materials regulations

Manufacturers in the food packing segment employ the highest levels of manufacturing control to protect the consumer.

Food packaging is subject to legislation and regulation, which applies to all materials intended to come into contact with packaged food including the label, collectively known as Food Contact Materials (FCMs).

It is the responsibility of all suppliers in the food packaging chain to ensure that appropriate materials are chosen for each package they produce. Epson SurePress and ColorWorks inks are compliant with EU Framework Regulation ((EC) No. 1935/2004), Good Manufacturing Practices (GMP) ((EC) No. 2023/2006), Plastics Implementation Measure (PIM) ((EU) 10/2011) and are included in Swiss Ordinance (SR 817.023.21) on Food Contact Materials for food packaging printing inks.

Printing inks for food contact materials

Inks used in labels for FCMs should be formulated to meet the migration limits required for food packaging applications. Migration limits to prevent contamination are set out in GMP recommendations and these evaluations are carried out by a certified laboratory.

The term 'low migration ink' is no longer used by the European Printing Ink Association (EuPIA). Instead, EuPIA uses the term 'printing inks for food contact materials', but both terms refer to ink applied to the non-food contact surface of food packaging. All Epson SurePress and ColorWorks inks are EuPIA GMP compliant.

Indirect food contact

In compliance with EU Regulation Framework (EC) No. 1935/2004, Epson SurePress and ColorWorks inks are not intended for direct food contact applications and should be applied to labels on the non-contact surface of food packaging materials and articles, acting as a functional barrier.

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Epson's commitment to compliance

The level of investment and care Epson has demonstrated in its pursuit of regulatory compliance is a measure of its long-term commitment to the food and beverage label and packaging industry. Epson makes its own ink, and so controls every aspect of its production, investing significantly in systems and hygienic control processes that ensure our inks meet food and packaging regulations.

Our facilities meet GMP (EC) No. 2023/2006 EU Regulations, however, by applying rigorous processes in our ink production, Epson goes beyond the standard good manufacturing practices. Special production measures include sterilisation and antimicrobe clean rooms with controlled access to ensure the highest manufacturing standards. In addition, SurePress and ColorWorks inks are manufactured according to the Hazard Analysis Critical Control Point (HACCP) risk assessment principle.

As with any packaging that contains food, our customers are required to adhere to GMP and applicable EU regulations. It is recommended that customers perform their own risk assessment to determine regulatory compliance of their products.

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Product	FCM-compliant inks
SurePress L-4533AW	T639 Series
SurePress L-6534VW	T799 Series
ColorWorks CW-C3500	SJIC22P Series
ColorWorks CW-C7500	SJIC26P Series
ColorWorks CW-C7500G	SJIC30P Series
ColorWorks CW-C6000 Series	SJIC36P Series
ColorWorks CW-C6500 Series	SJIC36P Series

Compliance standards

Under appropriate condition of use Epson SurePress and ColorWorks inks comply with:

EU Framework Regulation (EC) No. 1935/2004

Plastic Implementation Measure (PIM) EU No. 10/2011

Good Manufacturing Practices (GMP) (EC) No. 2023/2006

Swiss Ordinance on Materials and Articles in Contact with Food SR817.023.21 Annex 10

EU Toy Standard EN71 (Parts 3,9, 12)

EuPIA (GMP) Printing inks For Food Contact Materials 4th revision March 2016

EuPIA Exclusion Policy for Printing inks and related Products (Nov 2016)

FDA CFR21 (cGMP, HACCCP, paper materials)

Heavy Metal CONEG legislation 9

SVHC under REACH compliance

All raw materials are REACH compliant. Furthermore, the inks do not contain any known amounts of substrates of very high concern (SVHCs) at more than 0.1% (or the lowest concentration limit specified in Part 3 of Annex VI to Regulation (EC) No. 1272/2008 which results in the classification as a SVHC), or which could be subject to potential future authorisation processes (as outlined in REACH Art 56).

Committed to corporate and social responsibility

Epson is committed to developing environmentally conscious products, which means that sustainability is considered from conception to completion. We help customers recognise the environmental gains brought on by technology, whether it is redefining manufacturing through innovative robotics, saving energy with our office printing technology or revolutionising textile printing with digital solutions. We are committed to all 17 United Nations' sustainable development goals and to the aims of the circular economy. We offer sustainable innovations because we recognise that the choices we make as organisations, individuals or a society will be essential to our shared success. The content of this publication has not been approved by the United Nations and does not reflect the views of the United Nations or its officials or Member States www.un.org/sustainabledevelopment

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