

Statement of Composition of the following
Low Migration Printing Ink Range
Suncure® ULM
used in the Manufacture of Food Packaging

Regulation (EC) No 1935/2004¹ requires that materials and articles which, in their finished state, are intended to be brought into contact with foodstuffs or which are brought into contact with foodstuffs, must not transfer any components to the packed foodstuff in quantities which could endanger human health, or bring about an unacceptable change in the composition or deterioration in organoleptic properties.

This means that the manufacturer of the finished article and the filler have the legal responsibility that the food packaging is fit for its intended purpose.

Provided that our products listed above are used according to the information given in the Technical Data Sheet and correctly processed, and provided that the food packaging is designed in a way that there is no intended direct food contact with the print, we hereby confirm that our products will in principle allow compliance of the final product with Regulation 1935/2004.

- 1) Sun Chemical's products are formulated and manufactured in accordance with the "EuPIA Guideline on Printing Inks applied to the non-food contact surface of food packaging materials and articles".
- 2) The products named above are formulated in such a way as to minimise potential migration through the substrate or the set-off from the printed outer side to the food contact surface in the stack or the reel, having taken into account the purpose for which they have been designed. Note that set-off and migration are also dependent on the processing conditions and sufficient barrier properties of the substrate.
- 3) The products named above are manufactured in accordance with the EuPIA „Good Manufacturing Practices for the Production of Packaging Inks formulated for use on the non-food contact surfaces of food packaging and articles intended to come into contact with food (GMP)". Sun Chemical's manufacturing locations are qualified to ISO 9001.²
- 4) Based on information provided by raw material suppliers, an ink layer printed with the product named above will contain the following intentionally added substances:

¹ Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on Materials and Articles intended to come into Contact with Food and repealing Directives 80/590/EEC and 89/109/EEC. OJEU L338 of 13.11.2004

² ISO 9001 International Standard for Quality Management Systems

4.1 Evaluated substances which are restricted under the scope of the Plastics Regulation EC(No) 10/2011:

Ref. No.	CAS No.	Name	Restriction	Amount [%]
46640	128-37-0	2,6-di-tert-butyl-p-cresol (BHT)	SML = 3,0 mg/kg	< 0,3
42080	1333-86-4	Carbon black		<20
93440	13463-67-7	Titanium dioxide		<50
86240	7631-86-9	Silicon dioxide		<10
37280	1302-78-9	Bentonite		<5
92080	14807-96-6	Talc		<5
72640	7664-38-2	Phosphoric acid		<0,1

This information is provided to allow other members of the packaging chain to calculate levels of compliance in regard to the Plastics Regulation.

4.2 Dual-use additives:

CAS No.	Name	E Number
128-37-0	2,6-di-tert-butyl-p-cresol (BHT)	E321
13463-67-7	titanium dioxide	E171
1302-78-9	bentonite	E558
14807-96-6	talc	E553
7631-86-9	silica	E551
7664-38-2	phosphoric acid	E338
5281-04-9	Pigment red 57:1	E180

4.3 This product may contain further potential migrants, which will be disclosed separately.

The information contained in this document must be treated as confidential. It must not be transmitted to third parties without prior consent.

Disclaimer

The information contained herein is based upon data believed to be up-to-date and correct at the time of writing. It is provided to our customers (and/or Analytical Contractors) in order that they are able to comply with all applicable health and safety laws, regulations, and orders. In particular, customers are under an obligation to carry out a risk assessment under relevant Good Manufacturing Practices (GMP) in-line with EU food contact legislation and as a result take adequate risk management measures to protect food consumers.

Since the application and conditions of use are beyond our control the information provided does not represent a guarantee of any kind. The product's performance and its suitability for the customer's purpose depend on the particular conditions of use and the material being printed. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. There is no implied warranty of merchantability or fitness for purpose of the product or products described herein.



Dr Nick Ivory,
European Technical Director, Energy Curable Products.

28th June 2011