



Declaration of non use of

Isopropylthioxanthone (ITX), 2,4-Diethylthioxanthone (DETX), Benzophenone, 4-Methylbenzophenone and other low molecular weight derivatives of Benzophenone, 2,2-Dimethoxy-2-phenylacetophenone, and other low molecular weight photoinitiators, in solvent based, water based, oxidative drying sheetfed and web-offset inks, in electron beam curing inks, as well as in UV curing inks and varnishes intended for food packaging

Isopropylthioxanthone (also called ITX, CAS 5495-84-1 and CAS 83846-86-0), 2,4-diethylthioxanthone (DETX, CAS 82799-44-8), benzophenone (CAS 119-61-9), 4-methylbenzophenone (CAS 134-84-9) and other low molecular weight derivatives of benzophenone, 2,2-dimethoxy-2-phenylacetophenone (also called benzildimethylketal BDK, CAS 24650-42-8), are low molecular weight photoinitiators that may be used for UV curing printing inks and coatings. Photoinitiators have a key function in the curing process of these inks. Further to the above named photoinitiators, a range of substances with equivalent low molecular weight and "high migration" properties are used by the ink industry for UV curing inks and varnishes which are not intended for food packaging.

However, all these photoinitiators have no technical function in above mentioned "non-UV" inks which are drying via a different process. Consequently, in the manufacture of **all** solvent based, water based, oxidative drying sheetfed, web-offset and electron beam curing inks supplied by Siegwerk, these photoinitiators are not part of the formulation.

All photoinitiators mentioned above bring about a high migration potential. Consequently, Siegwerk considers this group of photoinitiators as not suitable for the use in UV curing printing inks and varnishes intended for food packaging¹.

¹ Siegwerk's policy is in line with the "EuPIA Guideline on Printing Inks applied to the non-food contact surface of food packaging materials and articles" and with the "EuPIA Suitability List of Photoinitiators and Photosynergists for Food Contact Materials", www.eupia.org.



In the manufacture of **all** UV curing inks and varnishes supplied by Siegwerk **and intended for food packaging** (“Siegwerk Migration Optimized Inks and Varnishes“), such as

- SICURA Plast LM
- SICURA Nutriplast
- SICURA Nutriplast 2
- SICURA Nutriplast 2 new
- SICURA Nutriplast IML
- SICURA Nutriplast IML LED
- SICURA Nutriplast 2 LED
- SICURA Litho Nutri ECO
- SICURA Nutriboard 2
- SICURA Flex 39-10 LM
- SICURA Nutriflex 10
- SICURA Nutriflex LEDTec
- SICURA Nutritube
- SICURA Nutriflex OPV
- SICURA Nutriflex White
- SICURA Nutriflex Metal
- SICURA Nutriflex Primer
- SICURA Nutriscreen
- SICURA NutriJet LMX
- SICURA NutriJet LMS
- SICURA NutriJet GLM

all of these high migration photoinitiators, as well as raw materials containing them, are not used as intentionally added ingredients.

The information in this document reflects Siegwerk’s policy and commitments. This statement is valid without signature.