

May 2, 2025

SILIKOFTAL® HTT

Food Contact Information

Food Contact legislation pertains to the end product, such as food packaging and kitchen utensils. While information on raw materials can aid in compliance, ultimate legal adherence can only be confirmed upon completion of the finished product. The following conformities are contingent upon the product being utilized in accordance with technical data sheet specifications, such as its use as an additive or co-binder, and at the designated usage level.

Silicone polyester resins represent a special type of chemistry used for heat-stable, decorative and functional coatings, e.g. applied for cook and bakeware, and for which specific food contact regulations neither exist nor existing legislation does apply. In order to achieve compliance with Food Contact Framework Regulations, for example Art. 3 of EC 1935/2004, existing positive lists may be used as supporting evidence, however, final compliance can only be verified by testing the finished food contact article.

BfR Recommendation XV

The active ingredient of SILIKOFTAL® HTT is listed in BfR Recommendation XV (silicone). SILIKOFTAL® HTT may be used in compliance with BfR Recommendation XV (silicone) under the following provisions:

- a. Proper curing of the resin system
- b. Complete evaporation of the solvent

The BfR-Recommendation XV is the only European positive list covering silicone resins for food contact. Since raw materials change significantly during the high temperature curing, compliance with BfR-XV can only provide supporting evidence for finished product conformity with EC 1935/2004.

USA: FDA

This product may be used in compliance with the following sections and may be subject to any applicable limitations:

FDA 21 CFR 175.300

EU: Regulation 10/2011 (amended through Regulation (EU) 2025/351)

Switzerland: SR 817.023.21 (Amended on 8. Dec. 2023; in force since 1. Feb. 2024)

China GB 9685 – 2016

Nestlé Guidance Note on Packaging Inks*

German Ink Ordinance (GIO) / Consumer Goods Regulation (BedGstV)

The components in SILIKOFTAL® HTT are not listed in above mentioned regulations since silicone resins are not covered by these regulations or silicone resins are not used as raw materials of the regulated application (i.e. printing ink).

Mercosur:

SILIKOFTAL® HTT is in compliance with MERCOSUR/GMC/RES. N° 39/19 superseding MERCOSUR/GMC/RES. No. 32/07 – MERCOSUR Technical Regulation on the Positive List of Additives for Plastics Materials MERCOSUR/GMC/RES.N° 02/12 – MERCOSUR Technical Regulation on the positive List of monomers.

Japan “The Positive List System for Food Utensils, Containers, and Packaging under the Japan Food Sanitation Act (implemented by the Ministry of Health, Labour and Welfare, MHLW, effective June 1, 2020).”

SILIKOFTAL® HTT is approved as "Polymer mainly composed of siloxane bonds (polymer group 1)" according to Annex 6 and as "Polymer used for coating that involves chemical reaction during film formation (polymer group 4 or 5)" according to Annex 21.

**EUPIA EXCLUSION LIST FOR PRINTING INKS AND RELATED PRODUCTS*
(6th Edition of March 2024)**

For Selection Criteria A and B: Please refer to Safety Data Sheet (Chapter 3).

We would like to confirm that we do not expect the presence of substances listed in the EUPIA “Exclusion List for Printing Inks and Related Products”, in Selection Criteria C and Substances Lists D to G in SILIKOFTAL® HTT.

Finished food contact materials or articles containing this product as a component, need to comply inter alia with migration and/or extraction limits or any other restrictions – as specified in the applicable regulations. Verification of compliance with above mentioned limits/restrictions should be carried out in accordance with the respective rules. We would like to point out that it is in the sole responsibility of the manufacturer of the final material or article to assure the compliance under actual and foreseeable conditions of use, and to check it on a regular basis. The manufacturer of food contact materials or articles, containing this product as a component, must in particular ascertain that these finished materials or articles meet the general regulatory requirement that they do not endanger human health, or bring about an unacceptable change in the composition of the food or deterioration in the organoleptic characteristics thereof.

*The given information is based on and represents our current compositional knowledge (based on the knowledge of the production process, supplier information for raw materials and analytical data where applicable). In case of provided values these are considered to be typical concentrations and are not part of product specification.

Furthermore, the given information is intended for persons having the required skill and know-how and it does not relieve you from verifying the suitability of the information given for a specific purpose prior to use by testing, which should be carried out only by qualified experts. Use or application of such information is at your sole responsibility and risk, without any liability on the part of Evonik Operations GmbH.

All provided information is based on our present knowledge and experience and is true and complete to the best of our knowledge and belief. However, no warranty, whether expressed or implied, or guarantee of product properties in the legal sense is intended or implied.

In case of any questions concerning the provided information or if you need additional advice you are welcome to contact us:

Evonik Operations GmbH

Specialty Additives | Coating Additives

Goldschmidtstraße 100

45127 Essen

Germany

www.evonik.com

www.coating-additives.com

Please contact for region Europe, Middle East, Russia and Afrika
regulatory-coating-additives-europe@evonik.com

Please contact for region Americas
regulatory-coating-additives-americas@evonik.com

Please contact for region Asia, Australia and New Zealand
regulatory-coating-additives-asia@evonik.com