

# United States Food and Drug Administration (US-FDA)

## 21 Code of Federal Regulation Compliance Document

### MA 00929 PP-SC

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Page: 1 of 1

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The polypropylenes used for the production of MA 00929 PP-SC by SILON Compounds Ltd. comply with the US-FDA Regulation:

The base resin in this product complies with 21 CFR 177.1520(a) (1) (i) and (c) 1.1a. In addition, all other ingredients used in this product meet the requirements of their respective FDA regulations and 21 CFR 177.1520(b), subject to a limitation on temperature but not food type contacted. Accordingly, this product can be used in contact with all food types listed in 21 CFR 176.170(c), Table 1 under Conditions of use B through H, identified in 21 CFR 176.170(c), Table 2.

The additives used in MA 00929 PP-SC by SILON Compounds Ltd. comply with the US-FDA Regulation:

This product (*fully hydrogenated hydrocarbon resin additive*) is lawful for use in food-contact applications specified in the following regulations administered by the U.S. Food and Drug Administration (FDA): 21 CFR Sections 175.105; 176.170 (For use only as modifiers in wax polymer blend coatings for paper and paperboard at a level not to exceed 50 weight percent of the coating solids under Conditions of Use E, F, and G identified in table 2 of 21 CFR 176.170(c)); 176.180 and 177.1520. FCN No. 482 allows use of this product as a component of pressure sensitive adhesives as provided in 21 CFR 175.125. In addition, the general provisions for indirect food additives in 21 CFR 174.5 are applicable to the use of this product.

The approval of MA 00929 PP-SC will depend on established food categories and defined end-use temperatures of the finished articles.

According to the applicable regulations and above clearances, for similar products the maximum let down rate has been limited to 41.5 % in products made of polypropylene, coming in contact with food as articles or parts of articles and has been allowed for use under the following conditions:

1. Temperature range: 150°F (65°C) and lower - hot filled down to frozen storage (described in 21 CFR § 176.170(c) table 2 - conditions of use D to G)  
Acceptable food categories (described in 21 CFR § 176.170(c), table 1 - types III, IV-A, V, VII-A and IX):
  - Aqueous, acid or non-acid products containing free oil or fat; may contain salt.
  - Dairy products and modifications: Water-in-oil emulsions, high- or low-fat.
  - Low-moisture fats or oils.
  - Moist bakery products with a surface containing free fat or oil.
  - Dry solids with the surface containing free fat or oil.
2. Temperature range: 212°F (100°C) and lower - boiling water sterilized down to frozen storage (described in 21 CFR 176.170 (c). table 2 - conditions of use B to H)  
Acceptable food categories (described in 21 CFR § 176.170 (C), table1 - types I, II, IV-B, VI-A to C, VII-B & VIII):
  - Non acid, aqueous products; may contain salt or sugar or both (pH above 5).
  - Acid, aqueous products; may contain salt or sugar or both.
  - Dairy products and modifications: Oil -in-water emulsions, high- or low-fat.
  - Beverages; may contain alcohol.
  - Moist bakery products with surface containing no free fat or oil.
  - Dry solids with the surface containing no free fat or oil.

MA 00929 PP-SC made by SILON Compounds, itself has not been tested in finished products to determine if it meets the above clearances at this time.

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