

Statement regarding Silicone Engineering's FDA Sponge materials

All the ingredients used to produce Silicone Engineering's FDA Sponge materials are listed in FDA 21 CFR 177.2600. Silicone Engineering manufactures FDA materials in accordance with FDA guidelines set out in 21 CFR 177.2600.

These materials have undergone a post cure heat treatment to ensure the removal of volatile chemicals that could cause contamination issues in food stuffs.

Samples of manufactured materials have been tested to and found to comply with the extraction/migration tests listed in 21 CFR 177.2600 (d) to (h). Typical results are indicated below.

Test Details	Result mg/in2	FDA limit mg/in2
Distilled Water – 1 st extraction (7 hours)	0.0	20.0
Distilled Water – 2 nd extraction (2 hours)	0.0	1.0
n-Hexane – 1 st extraction (7 hours)	16.4	175.0
n-Hexane – 2 nd extraction (2 hours)	1.14	4.0

(Results taken from Toxikon Project Number 14-01655-N1, dated 5/16/2014)

These results show that Silicone Engineering's FDA Sponge materials are suitable for all food types defined in FDA 21 CFR 177.2600 (dry, aqueous and fatty food stuffs).

As stated in 21 CFR 177.2600 it is recommended that the manufactured article is thoroughly cleansed prior to first use in contact with food.

Silicone Engineering's FDA Sponge materials are suitable for service in a temperature range of -60°C to +230°C.

Silicone Engineering Limited
25th April 2018

