

TEST REPORT: 7191155226-CHM17-TSL_AD1_CR1

Date: 24 JAN 2017

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SUBJECT

Evaluation of "AS-1720 Water Based Duct Sealant" in Contact with Foodstuff

CLIENT

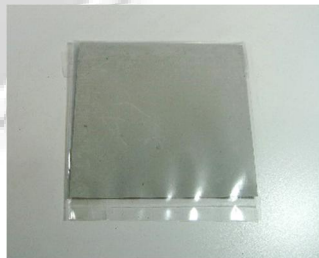
Alseal Marketing Sdn Bhd
Lot 2291, Jalan Kampung Baru,
Kg. Baru Sungai Buloh,
47000 Sungai Buloh,
Selangor

SAMPLE SUBMISSION DATE

16 Jan 2017

DESCRIPTION OF SAMPLE

Three pieces of sample labelled as follows were received.

No	Brand	Product Code	Product Name	Picture
1	Alseal	AS-1720	Water Based Duct Sealant	

DATE OF ANALYSIS

17 Jan 2017 – 24 Jan 2017



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METHOD OF TEST

The sample was analysed for the following tests according to FDA 21 CFR 177.2600 (e) & (f).

1. Preparation of Test Specimen

The sample was cut and tested as received.

2. Total Extractives with Food Stimulants (Ultrapure Water, n-Hexane)

The sample was extracted with the food stimulants and extracted at the reflux temperature for 7 hours and then for another further succeeding 2 hours. The extract was then evaporated to dryness and the total extractives were then measured using an analytical balance.

RESULTS

Table 1 : Analysis Result for “AS-1720 Water Based Duct Sealant” Sample

Type of Simulant	Surface Area (in ²)	Volume of Extractant (ml)	Total Extractives (mg/in ²)	FDA 21 CFR 177.2600 (e) & (f), Total Extractives Requirements (mg/in ²)	Inferred Result
1. Ultrapure Water at reflux temperature for 7 hours	31.00	250	3.0	≤ 20	Pass
2. Ultrapure Water at reflux temperature for succeeding 2 hours	31.00	250	0.2	≤ 1	Pass
3. n-Hexane at reflux temperature for 7 hours	31.00	250	19.7	≤ 175	Pass
4. n-Hexane at reflux temperature for succeeding 2 hours	31.00	250	0.6	≤ 4	Pass

MS TAN SER LING
TECHNICAL EXECUTIVE

DR XIAO ZHOU
PRODUCT MANAGER
MICROCONTAMINATION DIAGNOSIS
CHEMICAL & MATERIALS

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July 2011

