

DATE : Zellik, 15/02/2013

TEST REPORT

REPORT NR. : LVE/lve/CFP-13.009 C

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OBJECT : Determination of the overall migration of a silicone paste: 'Silirub 2/S'

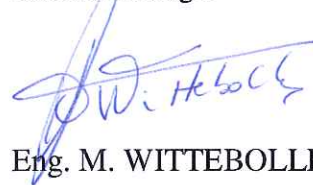
Receiving date of the samples: 22/01/2013

Testing date: 23/01 – 28/01/2013

BY ORDER OF : Soudal
Everdongenlaan 18
2300 Turnhout - Belgium

For the attention of Mr. Werner Dierckx (Technical Product Manager)

General Manager



Eng. M. WITTEBOLLE

Head of CFP department



Eng. L. VAN ELSSEN

*The results of this report are exclusively related to the submitted samples
This report shall not be reproduced except in full, without written approval of the laboratory
Q : accredited test (ISO 17025)
Accuracy of the test results available on request*

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1. Received samples

Silicone paste: 'Silirub 2/S'
(delivered as hardened plates)

Application:

- Use: to close seams (f.i. in a kitchen between workbench and wall)
- Foodstuffs expected to come into contact: aqueous foodstuffs (pH > 4,5)
- Food contact conditions: accidentally contact at room temperature

The samples were taken and sent by 'Soudal' to the Belgian Packaging Institute.

2. Executed tests (Q)

All materials intended for direct food contact have to be tested on their overall migration behaviour, in accordance with the European Regulation No 1935/2004 and the Belgian legislation RD 11/05/1992 and amendments.

Regulated by the legislations the overall migration is restricted to 10 mg/dm².

The analyses were effectuated in accordance with NBN EN 1186-1 (June 2002).

The simulants were selected conform the European Regulation No 10/2011 and amendments.

<i>Simulant</i>	<i>Contact duration</i>	<i>Contact temperature</i>
simulant A: ethanol 10% (v:v)	2 hours	40°C

Contact method: bringing the food contact side of the samples in contact with the simulants

After the contact period, the simulants were evaporated and the residual weights were determined.

3. Results

The results are mean values of two measurements and are expressed in mg/dm².

Sample	Simulant A 10% (v:v) ethanol	Overall migration limit
Silicone paste: 'Silirub 2/S'	< 0,5	10 mg/dm ²

Additionally, it is confirmed that no changes in sensory properties were observed.

4. Conclusion

The results show that the overall migration of the tested samples is less than the maximum limit of 10 mg/dm² for simulant A (10% ethanol, representing all aqueous foodstuffs) using the given conditions.

Consequently, the delivered tested samples are suitable for contact with all aqueous foodstuffs (pH > 4,5).

