



Test Report

No: GZFD0100803251FD

Date: Aug. 30, 2010

Client name : BestSub Technologies Co., Ltd.  
Client address: Rm 8A01, Jinzhou International Business Center, No. 899 Jiefangbei Rd, Guangzhou,  
510015, China

The following sample(s) was/were submitted by/ on behalf of the client as:

Sample Name: Glass Cutting Board  
Batch/Date: /  
Manufacturer: /  
Other: No.:01  
SGS reference no.: GZ1008095332/CHEM  
SGS job no.: GZFD0100803251FD  
Date of receipt: Aug. 12, 2010  
Testing period: Aug. 12, 2010 ~ Aug. 30, 2010

**TEST(S) REQUESTED:**

Selected test(s) as requested by applicant:

- A: As specified by client, with reference to European Council Directive 84/500/EEC & 2005/31/EC- Ceramic articles intended to come into contact with foodstuffs requirements on lead and cadmium extracted by acetic acid from ceramic surfaces.
- B: To determine the Overall Migration in accordance with Council of Europe Resolution AP(2004)1 relating to coatings intended to come into contact with foodstuffs.

**TEST METHOD(S):**

- A: As specified in EEC Directive 84/500/EEC & 2005/31/EC.  
Analysis was performed by ICP-OES.
- B: With reference to EN 1186-1:2002 for selection of temperature and condition;  
With reference to EN 1186-14:2002 for overall migration into iso-octane and 95% aqueous ethanol;  
With reference to EN 1186-3:2002 for overall migration into aqueous food stimulants by total immersion method.

**TEST RESULT(S):** Please refer to next page.

**CONCLUSION:**

- A: When tested as specified, the test result of submitted sample(s) #1 are within limits stated in European Council Directive 84/500/EEC & 2005/31/EC on lead and cadmium extracted by acetic acid from ceramic surfaces.
- B: When tested as specified, the submitted sample(s) #2 comply with the limit of the overall migration as stated in Council of Europe Resolution AP (2004)1 relating to coatings intended to come into contact with foodstuffs.

Signed for and on behalf of SGS

Authorized Signature

**TEST RESULT(S):**

A:#1

Leachable Lead and Cadmium Content

Category 1

PASS

No	Diameter (mm)	Surface Area (dm <sup>2</sup> )	Extract Volume (ml)	Lead (mg/dm <sup>2</sup> )	Cadmium (mg/dm <sup>2</sup> )
1	280X200	11.20	1870	< 0.1	< 0.01
2				< 0.1	< 0.01
3				< 0.1	< 0.01
4				< 0.1	< 0.01
Limit				0.8	0.07

All results were read directly from ICP.

Remark: 1. < = Less than

2. Category 1

Articles which cannot be filled and articles which can be filled, the internal depth of which does not exceed 25mm.

Category 2

All other articles which can be filled.

Category 3

Cooking ware; packaging and storage vessels having a capacity of more than three litres.

B: #2

Simulant Used	Test Condition	Overall Migration (mg/dm <sup>2</sup> )	Maximum Permissible Limit (mg/dm <sup>2</sup> )
Distilled water	2 hours at 70 °C	< 3.0	10
3% Acetic acid (w/v)	2 hours at 70 °C	< 3.0	10
50% Ethanol (v/v)	2 hours at 70 °C	< 3.0	10
Substitute of Olive oil	-	-	-
95% Ethanol	2 hours at 60 °C	< 3.0	10
Isooctane	0.5 hour at 40 °C	< 3.0	10

Note: 1. mg/dm<sup>2</sup> = milligram per square decimeter

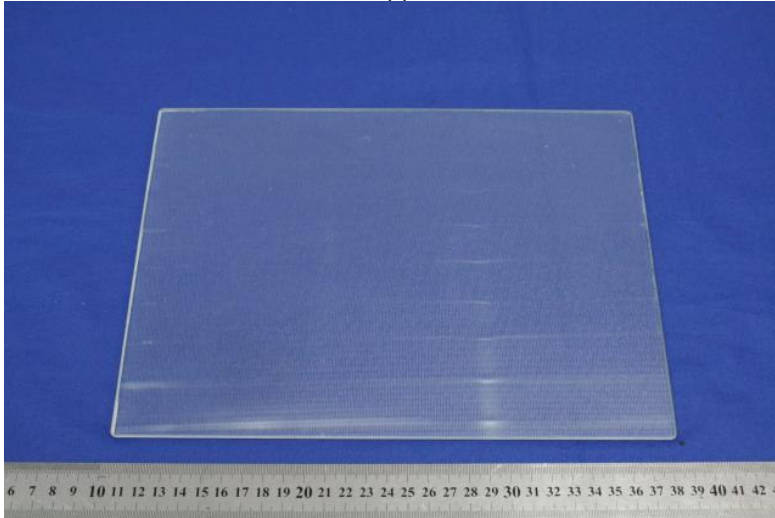
2. °C = degree Celsius

3. < = less than

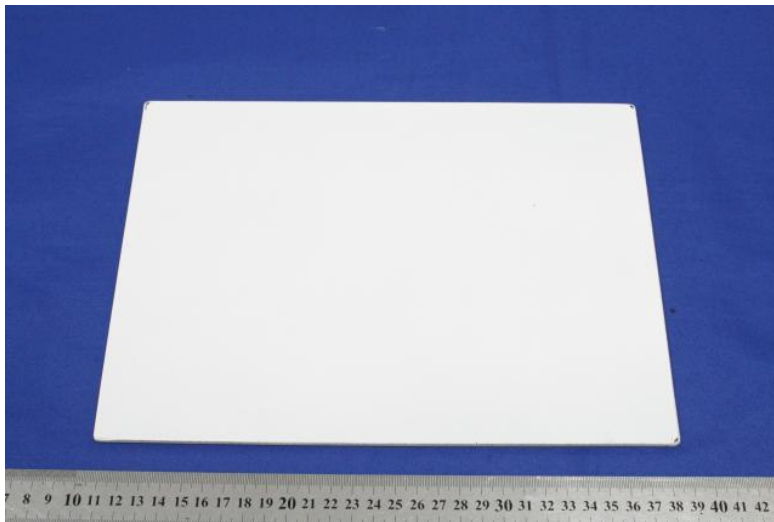
4. “-” = Not regulated

**SAMPLE DESCRIPTION:** #1: Transparent glass board, #2: White coated glass board

Photo Appendix



#1



#2

SGS authenticate the photo on original report only  
\*\*\* End of Report\*\*\*