



TEST REPORT

Job No./Report No TR342516 R1

Date: 3 August 2012

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CHS ENDUSTRIYEL URUNLER SAN TIC AS

BUYUKDERE CAD NO 122 A BLOK KAT 2 34394 ESENTEPE ISTANBUL

TEL: 02123066050

FAX: 02123369045

To the attention of Nihal Çolak

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

Sample No.	Sample Description
A	OLEXSOL ESB EPOXIDIZED SOYBEAN OIL CONTAINING FOOD PACKAGING MATERIAL (PVC)

Client's reference No. : TR 342516
Buyer : Hardline
Division : Package & Packaing material
Order No. : Not Provided
Model/Style No. : Not Provided
Article No. : Not Provided
Age Grade : Not Provided
Age Group Applied : Not Provided
Manufacturer : CHS ENDUSTRIYEL
Country of Origin : Not Provided
Country of Destination : Not Provided
Shipment Date : Not Provided
Sample Receiving Date : 8 March 2012
Test Performing Period : 8 March 2012 ~ 29 March 2012
Submitted Care Label Instructions : Not Provided

Overall Conclusion : **PASS**

Test Results : Please refer to the next page(s).
Performed Test Summary: Selected test(s) as requested by client against Client's performance standard.

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SGS Supervise Gözetme Etüd Kontrol
Servisleri A. Ş.

İş İstanbul Plaza Bağlar Mah. Osmanpaşa Cad. No:95 E Girişi Güneşli 34209
İ (90-212) 368 40 00 İ (90-212) 296 47 82/83

İstanbul – Turkey
www.tr.sgs.com

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Test Requested : Testing as per Commission Regulation (EU) No 10/2011 of 14 January 2011 and hence Article 3 of European Regulation No. 1935/2004.

Test Method : Please refer to next page(s).

Test Result(s) : Please refer to next page(s).

Summary :

(1) Plastic - "10% ethanol, 20% ethanol, 50% ethanol, 3% Acetic Acid (W/V) Aqueous Solution, Rectified Olive Oil" Overall migration	PASS
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Test Parameters	Result
Chemical tests	1
Overall Migration (10% Ethanol (V/V) Aqueous Solution)	M
Overall Migration (3% Acetic Acid (W/V) Aqueous Solution)	M
Overall Migration (20% Ethanol (V/V) Aqueous Solution)	M
Overall Migration (50% Ethanol (V/V) Aqueous Solution)	M
Overall Migration (Rectified Olive Oil)	M

Remarks	:	M = Meets client's requirement
		F = Below client's requirement
		* = No specified requirement

Notes: Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s).

The test results relate to the tested items only.
 Test reports without SGS seal and authorised signatures are invalid.
 Reported results do not include uncertainties.
 The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements.
 In this Test Report tests marked (1) are included in the UKAS Accreditation Scope. Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation.

**IN THIS REVISED-1 REPORT, SAMPLE DESCRIPTION WAS CHANGED BY THE REQUEST OF THE APPLICANT .
 THIS REPORT SUPERSEDES OUR REPORT NO: 342516 DATED 29.03.2012**

Issued in İstanbul
 Signed for and on behalf of
 SGS Supervise Gözetme Etüd
 Kontrol Servisleri A.Ş.

Neslihan Erol
 Assistant Customer Services Manager

Ayşe Çimen
 Customer Services Manager




Detail Test Result:
Test Result(s)

PART NAME No.1 : TRANSPARENT PLASTIC FILM

(1) Plastic - "10% ethanol, 20% ethanol, 50% ethanol, 3% Acetic Acid (W/V) Aqueous Solution, Rectified Olive Oil" Overall migration				PASS	
Simulant Used	Unit	Method	MDL	Result No.1	Limit
10% Ethanol (V/V) Aqueous Solution	mg/dm ²	With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN1186-1:2002 for selection of test method.	3.0	n.d.	10
3% Acetic Acid (W/V) Aqueous Solution	mg/dm ²		3.0	n.d.	10
20% Ethanol (V/V) Aqueous Solution	mg/dm ²		3.0	n.d.	10
50% Ethanol (V/V) Aqueous Solution	mg/dm ²		3.0	n.d.	10
Rectified Olive Oil	mg/dm ²		3.0	n.d.	10

Remark:

- A. Test condition & simulant were specified by client: 40°C, 10Days
- B. Analytical tolerance of aqueous simulants is 1 mg/dm².
- C. Analytical tolerance of fatty food simulants is 3 mg/dm².

Note:

1. mg/dm²= milligram per square decimeter
2. °C = degree Celsius
3. n.d. = Not Detected
4. MDL = Method Detection Limit
5. Test condition & simulant were specified by client.
6. The test data is obtained by considering the articles intended for repeated use as per described in Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex V.
7. Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011.

#This test was performed at SGS Taiwan as subcontract.

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* * * End of Test Report * * *

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