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Bellaterra : **May 10th, 2006**

Expedient number : **06/32006656 M1 ENGLISH TRANSLATION FROM THE ORIGINAL IN SPANISH**

Petitioner reference : **TORRASPAPEL S.A.**
Crta de França, s/n
17840 SARRIÀ DE TER
GIRONA

Attention to Mr. Josep Soler

TEST REPORT

ITEMS SUBMITTED

Samples received on: 18.04.06

A sample of self-adhesive presented by the petitioner with the following reference:

SELF-ADHESIVE PC-491. MANUFACTURED BY TORRASPAPEL

TESTS PERFORMED

Quantitative analysis of toluene, xylene, ethylbenzene and cyclohexanone content in the samples received by means of headspace method, having previously done water extraction of samples as it's indicated in norms:

EN71/9: 2005. Organic chemical compounds. Requirements
EN71/10: 2005. Organic chemical compounds. Sample preparation and extraction
EN71/11:2005. Organic chemical compounds. Methods of analysis

This report replaces and cancels report 06/32006656, emitted on 27th April, 2006
MODIFICATION DESCRIPTION: The word "Adhesive" has been substituted by "Self-adhesive"

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This document consists of 4 pages of which – are annexes , being this one, the first one

Expedient number: 06/32006656 M1 ENGLISH TRANSLATION
FROM THE ORIGINAL IN SPANISH

Page number 2

TESTING PROCEDURES

Samples have been submitted to a migration process with water at room temperature for 1 hour. The resulting aqueous migrate is placed in an oven at 95°C for 2 hours in order to analyze them by means of headspace method.

The results obtained related to the quantification of toluene, xylene, ethylbenzene and cyclohexanone, are compared with the values indicated in table 2 E, of norm EN71/9:2004

Other related norms:

EN71/9: 2005. Organic chemical compounds. Requirements

EN71/10: 2005. Organic chemical compounds. Sample preparation and extraction

EN71/11:2005. Organic chemical compounds. Methods of analysis

Samples have been analyzed with the following chromatographic conditions:

| | |
|----------------------|--------------------|
| Injector temperature | 290 °C |
| Initial temperature | 60 °C |
| Initial time | 5 min |
| Final temperature | 240 °C |
| Temperature rate | 8°C/min |
| Split | Closed (splitless) |
| EM | Scan |

A capillar PBX column of 30 m length has been used

Expedient number: 06/32006656 M1 ENGLISH TRANSLATION
FROM THE ORIGINAL IN SPANISH

Page number: 3

RESULTS

Date tests performed: Start: 18.04.06
End: 27.04.06

Samples relation

M1 Self-adhesive PC-491. Manufactured by Torrassapel

The following compounds have been detected:

| | Toluene (mg/l) | Xylene (mg/l) | Ethylbenzene (mg/l) | Ciclohexanone (mg/l) |
|------------|---------------------------|--------------------------|--------------------------------|---------------------------------|
| M1 | Inf. 0.1 | Inf. 0.1 | Inf. 0.1 | Inf. 0.1 |
| Limits (*) | 2.0 | 2.0 | 1.0 | 46.0 |

(*) Maximum permitted values indicated in Table 2.E of EN 71/9: 2005

Expedient number: 06/32006656 M1 ENGLISH TRANSLATION FROM
THE ORIGINAL IN SPANISH

Page number: 4

CONCLUSIONS

Referring to the sample of self-adhesive presented by the petitioner with the following reference:

SELF-ADHESIVE PC-491. MANUFACTURED BY TORRASPAPEL

The results obtained **are lower** than the ones indicated in Table 2.E. of EN 71/9: 2005. Organic chemical compounds. Requirements

Due to this, the tested sample **is in conformity** with the requirements established in Table 2.E. of EN 71/9: 2005

LGAI Technological Center, S.A.

Cristina Esteban i Perlas
Materials and Consume Responsible
Consume Area – Certification Division
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The results reported in this document relate only to the sample, product or item submitted to the laboratory and described above, having been tested under the conditions established in this document. In case of discrepancies between the English and Spanish versions, the Spanish version shall prevail over the English one.
