



Produktprüfung
Zertifizierung
Qualitätssicherung

eco
INSTITUT

eco-INSTITUT GmbH • Sachsenring 69 • 50677 Köln

Coco-Latex Exports (P) Ltd.
Chungam Alleppy
688011 Kerala
India

eco-INSTITUT GmbH
Sachsenring 69
50677 Köln

Fon +49-(0)221-931 245-0
fax +49-(0)221-931 245-33

www.eco-institut.de
www.eco-info.de
info@eco-institut.de

Geschäftsführer
Dr. Hans-Wilrich Krieg
Dr. Frank Kuebart

Köln HRB 25664
UstID: DE-811775799

Ratfessenbank
Freschen-Höfth
BLZ 370 625 65
Konto 1 703 060 010

Test Report No. 40667-001-001

Client:	Coco-Latex Exports (P) Ltd. Kerala, India
Sample description by client:	Rubberised coir sheets (W)
Sampling by:	Client
Date of arrival of sample:	12.06.2013
Date of report:	4.7.2013
Testing parameter:	see table of contents
Testing laboratory:	eco-INSTITUT GmbH, Cologne



Akkreditiertes Prüflabor
nach DIN EN ISO/IEC 17025



Measurement time 2 days after test chamber loading

1.1.1 CMR-VOC_{2d}

Test parameter:

Carcinogenic, mutagenic and reproduction-toxic volatile organic compounds (CMR VOC), test chamber, air sampling 2 days after test chamber loading

Test result:

Sample: A001: Rubberised coir sheets (W)

No.	Substance	CAS No.	Concentration (Test chamber air) [µg/m ³]	CMR classifica- tion*)
VOC_{2d}: Identified and calibrated substances in accordance with LCI list/AgBB, substance specific calculated (c_{id sub})				
-	-	-	-	n.d.
VOC_{2d}: Further identified and calibrated CMR substances in addition to LCI list/AgBB, substance specific calculated (c_{id sub})				
-	-	-	-	n.d.
VOC_{2d}: Further identified, not calibrated CMR substances, calculated as toluene equivalent (c_{ni tol})				
-	-	-	-	n.d.

*) Classification acc. to Regulation (EC) No. 1272/2008: Category Carc. 1A and 1B, Muta. 1A and 1B, Repr. 1A and 1B, TRGS 905: K1 and K2, M1 and M2, R1 and R2, IARC: Group 1 and 2A, DFG (MAK list): Category III1 and III2

	Concentration (Test chamber air) [µg/m ³]	SERa [µg/m ² h]
Sum of VOC with the following categorisations: Regulation (EC) No. 1272/2008: Category Carc. 1A and 1B, Muta. 1A and 1B, Repr. 1A and 1B TRGS 905: K1 and K2, M1 and M2, R1 and R2 IARC: Group 1 and 2A DFG (MAK list): Category III1 and III2	n.d.	n.n.

n.d. = not detectable

Remark: The test result referred to the submitted test sample exclusively. The validity of the report is three years at most and will end immediately at any alternation of material composition or in manufacturing process. Publishing in parts requires authorisation.

1.1.7 SVOC_{7d}

Test parameter:

Semivolatile organic compounds (SVOC), test chamber, air sampling 7 days after test chamber loading

Test result:

Sample: A001: Rubberised coir sheets (W)

No.	Substance	CAS No.	Concentration (test chamber air) [µg/m ³]
SVOC_{7d}: Identified and calibrated substances in accordance with LCI list/AgBB, substance specific calculated (c_{id sub})			
-	-	-	n.d.
SVOC_{7d}: Further identified and calibrated substances in addition to LCI list/AgBB, substance specific calculated (c_{id sub})			
-	-	-	n.d.
SVOC_{7d}: Not calibrated substances calculated as toluene equivalent (c_{ni tol})			
-	-	-	n.d.

Total semivolatile organic compounds	Concentration (test chamber air) [µg/m ³]	SER ₉ [µg/m ² h]
TSVOC _{7d}	n.d.	n.d.

n.d. = not detectable

Remark: The test result referred to the submitted test sample exclusively. The validity of the report is three years at most and will end immediately at any alternation of material composition or in manufacturing process. Publishing in parts requires authorisation.

1.1.8 VVOC_{7d}

Test Parameter:

Very volatile organic compounds (VVOC), test chamber, air sampling 7 days after test chamber loading

Test result:

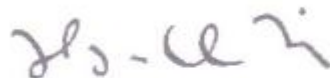
Sample: A001: Rubberised coir sheets (W)

No.	Substance	CAS-No.	Concentration (test chamber air) [µg/m ³]
VVOC_{7d}: Identified and calibrated substances in accordance with LCI list/AgBB, substance specific calculated (c_{id sub})			
-	-	-	n.d.
VVOC_{7d}: Further identified and calibrated substances in addition to LCI list/AgBB, substance specific calculated (c_{id sub})			
-	-	-	n.d.
VVOC_{7d}: Not calibrated, identified substances calculated as toluene equivalent (c_{ni tol})			
-	-	-	n.d.

Total very volatile organic compounds	Concentration (test chamber air) [µg/m ³]	SER _a [µg/m ² h]
TVVOC _{7d}	n.d.	n.d.

n.d. = not detectable

Cologne, 4.7.2013



Dr. Hans-Ulrich Krieg
(Technical Manager)

Remark: The test result referred to the submitted test sample exclusively. The validity of the report is three years at most and will end immediately at any alternation of material composition or in manufacturing process. Publishing in parts requires authorisation.