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TÜV Rheinland LGA Products GmbH · Am Grauen Stein 29 · 51105 Cologne

Fritz Egger GmbH & Co. OG
Holzwerkstoffe
Krimbacher Alexander
Weiberndorf 20
6380 St. Johann in Tirol
AUSTRIA

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Cologne, 02.06.2022

Report No. 0001115583/10 AZ 569712

Test item:	One sample of coated wooden board
Identification:	EGGER Eurodekor E1E05 TSCA P2 CE + MDF E1E05 TSCA
Condition at delivery:	No claim
Date of delivery:	19.05.2022
Place of testing:	Cologne, Nuremberg
Test period:	25.05.2022 to 02.06.2022
Test scope:	Parameters selected by customer
Test specification:	IKEA IOS-MAT-0054 Vers. AA-92520-13 dated 2022-03-28 IKEA IOS-MAT-0010 Vers. AA-10911-16 dated 2022-01-10 IKEA IOS-MAT-0207 Version AA-2291517-3 dated 2022-03-30 CPSIA 2008 Title 1 Section 101 (CPSC-CH-E1002) 15 USC 1278a CPSIA 2008 Title 1 Section 108 (CPSC-CH-C1001)

tested by: X

02.06.2022 Sachverständige(r)/Expert
Signiert von: Ralf Meier

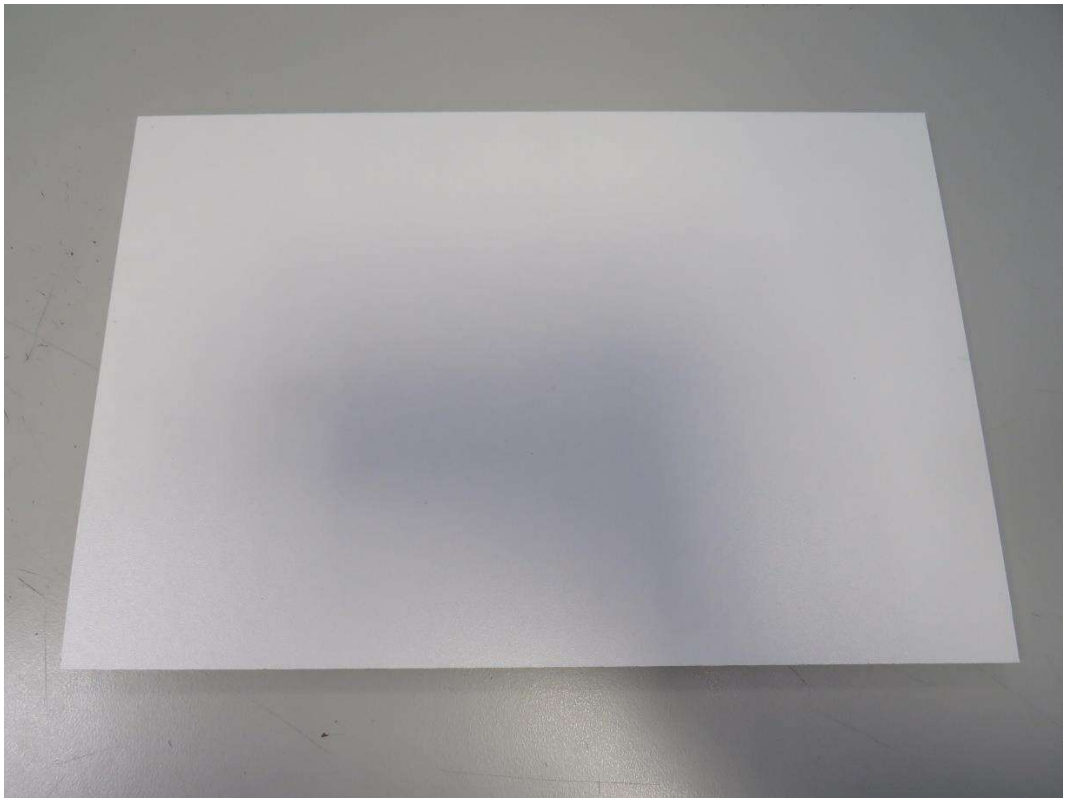
authorized by: X

02.06.2022 Sachverständige(r)/Expert
Signiert von: Fatema Es-Saddiki

ORDERER DETAILS	
EGGER-SAP order number	9000432339
Contact person	Krimbacher Alexander alexander.krimbacher@egger.com
Invoice Address	FRITZ EGGER GmbH & Co. OG Holzwerkstoffe Weiberndorf 20 6380 St. Johann in Tyrol, Austria invoice0100@egger.com
SAMPLE IDENTIFICATION	
Surface coating/covering producer	Fritz EGGER GmbH & CO. OG (group)
Surface coating/covering trade name	EGGER Eurodekor
Surface coating/covering identification code	EGGER Eurodekor
Surface coating/covering type	Melamine coating
Surface coating/covering batch number	1456185
How the sample was taken	cutting
Where the sample was taken	St. Johann in Tirol
When the sample was taken/ production date	17.05.2022
Batch number	45292824
Article (name and description)	EGGER Eurodekor E1E05 TSCA P2 CE EGGER Eurodekor MDF E1E05 TSCA
Additional text on the test report	The used melamine coating is identical for all EGGER Eurodekor products
TEST REQUIRED	
IKEA specification	☒IOS-MAT 0010 ☒IOS-MAT 0054 ☒IOS-MAT 0207
Test method	☒Lead CPSH-CH-E1002 ☒Cadmium ☒Migration of certain elements ☒Phthalates ☒PAH
DECLARATION	
Date of order	16.05.2022

Photo documentation

Picture 1: EGGER Eurodekor E1E05 TSCA P2 CE + MDF E1E05 TSCA



List of materials

Article	Articlename:
1	EGGER Eurodekor E1E05 TSCA P2 CE + MDF E1E05 TSCA

Mat. No.	Article	Component	Material	Colour
001	1	covering	melamine	white

Results

EN 71-3, Migration of certain elements, category 3

Sample composition	Mat. 001				
Sample No.	569712-004				
Unit	mg/kg				
Migratable elements, material testing					
Dewaxing	n				
Aluminium	2600				
Antimony	<5				
Arsenic	<1				
Barium	<100				
Boron	<10				
Cadmium	<0,1				
Chromium, total	0,18				
Chromium (III)	0,180				
Chromium(VI)	<0,05				
Cobalt	<1				
Copper	<10				
Lead	<1				
Manganese	<100				
Mercury	<1				
Nickel	<10				
Selenium	<5				
Strontium	<100				
Tin*	<3				
Zinc	<100				

n no

Maximum values according to the toy safety-directive 2009/48/EC:
Category 3: Scraped off toy material:
aluminium 28130 mg/kg, antimony 560 mg/kg, arsenic 47 mg/kg, barium 18.750 mg/kg, boron 15.000 mg/kg, cadmium 17 mg/kg, chromium(III) 460 mg/kg, chromium(VI) 0.053 mg/kg, cobalt 130 mg/kg, copper 7.700 mg/kg, lead 23 mg/kg, manganese 15.000 mg/kg, mercury 94 mg/kg, nickel 930 mg/kg, selenium 460 mg/kg, strontium 56.000 mg/kg, tin 180.000 mg/kg, zinc 46.000 mg/kg

*Tin: If the migration of tin is less than the reporting limit the compliance with the limit value of 12 mg/kg can be confirmed.
The determination of tin organic compounds is not required in regards to metals.

Lead total basic material, USA

Sample composition	Mat. 001				
Sample No.	569712-001				
Unit	mg/kg				
Lead	<10				

Limit values:
40 mg/kg for polymerics (plastics, silicone, rubber, latex, elastomers), PU-foam, latex-foam, label, textiles
90 mg/kg for wood, natural materials, glass, ceramics, enamel

Metals, total content at decomposition

Sample composition	Mat. 001				
Sample No.	569712-002				
Unit	mg/kg				
Cadmium	<5				

Limit values:
Generally cadmium 40 mg/kg, lead 40 mg/kg
Ceramics/Glass arsenic 100 mg/kg, lead 90 mg/kg
Antimony as flame retardant 200 mg/kg

Migration of certain elements

Sample composition	**Mat. 001**				
Sample No.	569712-005				
Unit	mg/kg				
Soluble heavy metals					
Antimony	<5				
Arsenic	<1				
Barium	<100				
Cadmium	<0,1				
Chromium	<1				
Lead	<1				
Mercury	<1				
Selenium	<5				

Results refer to the analysis results of EN 71-3 and are reported under consideration of an analytical correction factor given by 4.2 of the method.

Analytical correction according to ISO 8124-3: Antimony 60 %, Arsenic 60 % , Barium 30 %, Cadmium 30 %, Chromium 30 %, Lead 30%, Mercury 50 %, Selenium 60 %.

Maxim acceptable migration value according to ISO 8124-3: Antimony 60 mg/kg, Arsenic 25 mg/kg, Barium 1.000 mg/kg, Cadmium 75 mg/kg, Chromium 60 mg/kg, Lead 90 mg/kg, Mercury 60 mg/kg, Selenium 500 mg/kg.

Phthalates, CPSC

Sample composition		**Mat. 001**			
Sample No.	CAS-Nr.	569712-003			
Unit		mg/kg			
Phthalates, total		n.n./n.d.			
Dimethylphthalate, DMP	131-11-3	<50			
Diethylphthalate, DEP	84-66-2	<50			
Dipropylphthalate, DPP	131-16-8	<50			
Dibutylphthalate, DBP	84-74-2	<50			
Diisobutylphthalate, DIBP	84-69-5	<50			
Di-n-pentylphthalate, DnPP	131-18-0	<50			
n-Pentyl-isopentyl phthalate, PiPP	776297-69-9	<50			
Diisopentylphthalate DiPP	605-50-5	<50			
Di-n-hexyl phthalate, DnHP	84-75-3	<50			
Dicyclohexylphthalate, DCHP	84-61-7	<50			
Benzylbutylphthalate, BBP	85-68-7	<50			
1,2-Benzenedicarboxylic acid, di-C6 -8-branched alkyl esters, C7-rich, DIHP	71888-89-6	n.n./n.d.			
1,2-benzenedicarboxylic acid, di-C7-11-branched and linear alkyl ester, DHNUP	68515-42-4	n.n./n.d.			
Bis-(2-ethylhexyl)phthalate, DEHP	117-81-7	<50			
Di-n-octylphthalate, DNOP	117-84-0	<50			
Di-n-nonyl phthalate, DnNP	84-76-4	n.n./n.d.			
Diisononylphthalate, DINP	28553-12-0	<50			
Diisodecylphthalate, DIDP	26761-40-0	<50			
Bis-(2-methoxyethyl) phthalate, BMEP	117-82-8	<50			
Bis(2-n-butoxyethyl)phthalate, BBEP	117-83-9	<50			
Bis(4-methyl-2-pentyl)phthalate, BMPP	146-50-9	<50			
Bis(2-ethoxyethyl)phthalate, BEEP	605-54-9	<50			
Butyloctylphthalate	84-78-6	<50			
Hexyl-2-ethylhexylphthalate, HEHP	75673-16-4	<50			
Diphenylphthalate	84-62-8	<50			
Dibenzylphthalate	523-31-9	<50			
1,2-Benzenedicarboxylic acid, di-C7-9-branched and linear alkyl esters	68515-41-3	n.n./n.d.			
1,2-Benzenedicarboxylic acid, di-C9-11-branched and linear alkyl esters	68515-43-5	n.n./n.d.			
Diisooctylphthalate	27554-26-3	n.n./n.d.			
1,2-benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	n.n./n.d.			
1,2-Benzenedicarboxylic acid,dihexyl ester, branched and linear	68515-50-4	n.n./n.d.			
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	68515-51-5	n.n./n.d.			
Diisohexyl phthalate	71850-09-4	n.n./n.d.			
Di-n-undecyl phthalate	3648-20-2	n.n./n.d.			
Additional Phthalates detected*		n.n./n.d.			

n.n./n.d. not detectable

Limit values: 100 mg/kg per compound, 250 mg/kg total

*identified with NIST Database, calculated with DEHP (m/z 149) as no standards are available

Polycyclic aromatic hydrocarbons (PAH)

Sample composition	**Mat. 001**				
Sample No.	569712-006				
Unit	mg/kg				
Category *					
Acenaphthene	<0,2				
Acenaphthylene	<0,2				
Anthracene	<0,2				
Benzo(ghi)perylene	<0,2				
Fluoranthene	<0,2				
Fluorene	<0,2				
Indeno(1,2,3-cd)pyrene	<0,2				
Phenanthrene	<0,2				
Pyrene	<0,2				
Cyclopenta(c,d)pyrene	<0,2				
Dibenzo(a,l)pyrene	<0,2				
Dibenzo(a,e)pyrene	<0,2				
Dibenzo(a,h)pyrene	<0,2				
Dibenzo(a,i)pyrene	<0,2				
1-Methylpyrene	<0,2				
Naphthalene	<0,2				
Benzo(a)anthracene	<0,2				
Benzo(a)pyrene	<0,2				
Benzo(e)pyrene	<0,2				
Benzo(b)fluoranthene	<0,2				
Benzo(j)fluoranthene	<0,2				
Benzo(k)fluoranthene	<0,2				
Chrysene	<0,2				
Dibenz(ah)anthracene	<0,2				
Total 24 PAH	n.n./n.d.				

n.n./n.d. not detectable

Limit values:
Contamination limit values for total of 24 polycyclic aromatic hydrocarbons 10 mg/kg
Contamination limit values for each prioritised PAH substance 0.2 mg/kg
Naphtalene limit value 2 mg/kg

Summary of methods

EN 71-3, Migration of certain elements, category 3	Standard: EN 71-3:2019+A1:2021	Issue date: 01.04.21
Method description: Safety of toys - Part 3: Migration of certain elements and chromium(VI) from toy materials of category III - Analysis of the elements by ICP-MS and chromium(VI) by ion chromatography		
Notes: Hint: Toys that have been tested according to and comply with EN 71-3:2019+A1:2021 also meet the requirements of BS EN 71-3:2019		

Lead total basic material, USA	Standard: MS-0022823*	Issue date: 02.06.21
Method description: Determination of the total content of lead after decomposition according to ASTM E 1645-01 (Standard Practice for Preparation of Dried Paint Samples by Hotplate or Microwave Digestion for Subsequent Lead Analysis), quantification by ICP according to ASTM E 1613-12 (Standard Test Method for Determination of Lead by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES), Flame Atomic Absorption Spectrometry (FAAS), or Graphite Furnace Atomic Absorption Spectrometry (GFAAS) Techniques), as far as possible identical to CPSC-CH-E1002-08.		
Notes: * in-house working instruction		

Metals, total content at decomposition	Standard: MS-0022823*	Issue date: 02.06.21
Method description: In-house method - Determination of heavy metals after decomposition according to EPA 3052, quantification by ICP-OES according to DIN EN ISO 11885 respectively ICP-MS according to DIN EN ISO 17294-2.		
Notes: * in-house working instruction		

Migration of certain elements	Standard: ISO 8124-3	Issue date: 01.03.20
Method description: Safety of toys - Part 3: Migration of certain elements, including information according to part 4.2 adjusted analysis result		

Phthalates, CPSC	Standard: CPSC-CH-C1001-09.4	Issue date: 01.01.18
Method description: Determination of selected phthalates after extraction with organic solvent, quantification by GC-MS according to: CPSC-CH-C1001-09.4		
Notes: Not quantifiable compounds e.g. technical mixtures or isomers are marked with *. The indication of results for non quantifiable compounds is d = detected. In the report only the quantifiable respectively detected compounds are stated, however all listed compounds are analysed.		

Polycyclic aromatic hydrocarbons (PAH)	Standard: DIN EN 17132	Issue date: 01.09.19
Method description: Textiles and textile products - Determination of Polycyclic Aromatic Hydrocarbons (PAH), method using gas chromatography		
Notes: Single components with an amount of < 0.2 mg/kg were not considered by the calculation of the sum. In the case of all PAH were not detected, the result is stated n.n. (not detectable).		

Version directory

Version No.	Report No.	List of changes	Date
1	0001115583/10 AZ 569712	First edition	2022-06-02

Only the version last shown in the version directory is valid. The previous version(s) shown in the table lose their validity immediately and must be returned or destroyed by the customer.

----End of report----

Ftalatai, Vartojimo produktų saugos komisija (*CPSC*)

Mėginio sudėtis		**Medž. 001**			
Mėginio Nr.	CAS Nr.	569712-003			
Matavimo vienetas		mg/kg			
Ftalatų, iš viso		Neaptinkama			
Dimetilftalatas, DMP	131-11-3	<50			
Dietilftalatas, DEP	84-66-2	<50			
Dipropilftalatas, DPP	131-16-8	<50			
Dibutilftalatas, DBP	84-74-2	<50			
Diizobutilftalatas, DIBP	84-69-5	<50			
Di-n-pentilftalatas, DnPP	131-18-0	<50			
n-pentil-izopentilftalatas, PiPP	776297-69-9	<50			
Diizopentilftalatas, DiPP	605-50-5	<50			
Di-n-heksilftalatas, DnHP	84-75-3	<50			
Diciklоheksilftalatas, DCHP	84-61-7	<50			
Benzilbutilftalatas, BBP	85-68-7	<50			
1,2-benzendikarboksirūgštis, di-C6 -8-šakotieji alkilesteriai, turintys daug C7, DIHP	71888-89-6	Neaptinkama			
1,2-benzendikarboksirūgštis, di-C7-11-šakotasis ir linijinis alkilesteris, DHNUP	68515-42-4	Neaptinkama			
Di(2-etilheksil)ftalatas, DEHP	117-81-7	<50			
Di-n-oktilftalatas, DNOP	117-84-0	<50			
Di-n-nonilftalatas, DnNP	84-76-4	Neaptinkama			
Diizononilftalatas, DINP	28553-12-0	<50			
Diizodecilftalatas, DIDP	26761-40-0	<50			
Bis-(2-metoksietil)ftalatas, BMEP	117-82-8	<50			
Bis-(2-n-butoksietil)ftalatas, BBEP	117-83-9	<50			
Bis-(4-metil-2-pentil)ftalatas, BMPP	146-50-9	<50			
Bis(2-etoksietil)ftalatas, BEEP	605-54-9	<50			
Butiloktilftalatas	84-78-6	<50			
Heksil-2-etilheksilftalatas, HEHP	75673-16-4	<50			
Difenilftalatas	84-62-8	<50			
Dibenzilftalatas	523-31-9	<50			
1,2-benzendikarboksirūgštis, di-C7-9-šakotieji ir linijiniai alkilesteriai	68515-41-3	Neaptinkama			
1,2-benzendikarboksirūgštis, di-C9-11-šakotieji ir linijiniai alkilesteriai	68515-43-5	Neaptinkama			
Diizooktilftalatas	27554-26-3	Neaptinkama			
1,2-benzendikarboksirūgštis, dipentilesteris, šakotasis ir linijinis	84777-06-0	Neaptinkama			
1,2-benzendikarboksirūgštis,diheksilesteris, šakotasis ir linijinis	68515-50-4	Neaptinkama			
1,2-benzendikarboksirūgštis, di-C6-10-alkilesteriai	68515-51-5	Neaptinkama			
Diizoheksilftalatas	71850-09-4	Neaptinkama			
Di-n-undecilftalatas	3648-20-2	Neaptinkama			
Aptikta papildomų ftalatų*		Neaptinkama			

Neaptinkama angl. – *n.n./n.d.; not detectable*

Ribinės vertės: 100 mg/kg vienam junginiui, 250 mg/kg iš viso

*identifikuota pagal Nacionalinio standartų ir technologijų instituto (angl. – *National Institute of Standards and Technology; NIST* duomenų bazę, apskaičiuota naudojant DEHP (masė pagalinta iš krūvio skaičiaus (*m/z*) 149), nes nėra jokių standartų

Išvertė *Lietuvos Respublika), vertimų biuras UAB „Laiko medis", Kedrų g. 3-225, Vilnius, Lietuvos Respublika. Versta iš anglų kalbos.*

Aš, vertėja *sakomybę už vertimo į lietuvių kalbą teisingumą.*
Vertėja sus *atančiu baudžiamąją atsakomybę už žinomai melagingą vertimą.*