

TÜV Rheinland LGA Products GmbH · 51105 Cologne
Kum-Plast D.O.O.
Urška Ule
Presernova 1
1410 Zagorje ob Savi
SLOVENIA

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Cologne,

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14.01.2020

Report No. 0003313143/30 AZ 364975

Test item: Eleven sample of coated decors

Identification: 808521; 808531; 809880; 804440; 804420; 805740; 805630; 810878;
8012850; 810877; 812980
Details see on the following pages

Condition at delivery: No claim

Date of delivery: 09.01.2020

Place of testing: Cologne

Test period: 09.01.2020 to 14.01.2020

Test scope: Parameters selected by customer

Test specification: IKEA IOS-MAT-0066 Vers. AA-163938-11 dated 2017-11-15
Lead Paint, 16 CFR Part 1303 12/21/2008

Cologne, 14.01.2020

X 

Sachverständige(r)/Expert
Signiert von: Markus Clemens

X 

Sachverständige(r)/Expert
Signiert von: Ralf Meier

Report No.: 0003313143/30 AZ 364975
Date: 14.01.2020

Supplier name	KUM-PLAST D.O.O.
Address	PREŠERNOVA 1, SI-1410 ZAGORJE OB SAVI
VAT No.	SI32751257
Contact person	MR. JURE ULE
E-Mail address	jure.ule@kumplast.si

IKEA Supplier number:	
Article name:	ABS EDGE
Article No.:	808521
Date stamp of article:	VARIOUS
What component of the article has to be tested:	
Which other articles are covered by the same test?	
Used coating line:	Sorbini
Date of sampling	January 2020

Surface coating / covering information:

	Layer 1	Layer 2	Layer 3	Layer 4
Surface coating/covering <i>producer:</i>				HELIOS TBLUS D.O.O.
Surface coating/covering <i>type name:</i>				UV TOP COAT
Surface coating/covering <i>identification code:</i>				481000 – RN 467/19
Surface coating/covering <i>batch name:</i>				381

How was the sample taken	From production
Where was the sample taken	Kisovec, January 2020

Report No.: 0003313143/30 AZ 364975
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Supplier name	KUM-PLAST D.O.O.
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VAT No.	SI32751257
Contact person	MR. JURE ULE
E-Mail address	jure.ule@kumplast.si

IKEA Supplier number:	
Article name:	ABS EDGE
Article No.:	808531
Date stamp of article:	VARIOUS
What component of the article has to be tested:	
Which other articles are covered by the same test?	
Used coating line:	Sorbini
Date of sampling	January 2020

Surface coating / covering information:

	Layer 1	Layer 2	Layer 3	Layer 4
Surface coating/covering <i>producer:</i>				HELIOS TBLUS D.O.O.
Surface coating/covering <i>type name:</i>				UV TOP COAT
Surface coating/covering <i>identification code:</i>				481000 – RN 467/19
Surface coating/covering <i>batch name:</i>				381

How was the sample taken	From production
Where was the sample taken	Kisovec, January 2020

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VAT No.	SI32751257
Contact person	MR. JURE ULE
E-Mail address	jure.ule@kumplast.si

IKEA Supplier number:	
Article name:	ABS edges
Article No.:	809880
Date stamp of article:	Various
What component of the article has to be tested:	Lead test
Which other articles are covered by the same test?	
Used coating line:	Sorbini
Date of sampling	January 2020

Surface coating / covering information:

	Layer 1	Layer 2	Layer 3	Layer 4
Surface coating/covering <i>producer:</i>	Sun Chemical	Sun Chemical	Sun Chemical	HELIOS TBLUS D.O.O.
Surface coating/covering <i>type name:</i>	RF-series	RF-series	RF-series	UV TOP COAT
Surface coating/covering <i>identification code:</i>	R0015101331 S0003706331	R0015101331 S0003706331	W0002400331 R0015101331 S0003706331 B0015212331	481000 – RN 467/19
Surface coating/covering <i>batch name:</i>	ECO3008	ECO3009	ECO3010	385

How was the sample taken	From production
Where was the sample taken	Zagorje ob Savi, January 2020

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Contact person	MR. JURE ULE
E-Mail address	jure.ule@kumplast.si

IKEA Supplier number:	
Article name:	ABS edges
Article No.:	804440
Date stamp of article:	Various
What component of the article has to be tested:	Lead test
Which other articles are covered by the same test?	
Used coating line:	Sorbini
Date of sampling	January 2020

Surface coating / covering information:

	Layer 1	Layer 2	Layer 3	Layer 4
Surface coating/covering <i>producer:</i>	Sun Chemical	Sun Chemical	Sun Chemical	HELIOS TBLUS D.O.O.
Surface coating/covering <i>type name:</i>	RF-series	RF-series	RF-series	UV TOP COAT
Surface coating/covering <i>identification code:</i>	W0002400331 R0015101331 S0003706331	W0002400331 R0015101331 S0003706331 B0015212331	R0015101331 S0003706331	481000 – RN 467/19
Surface coating/covering <i>batch name:</i>	ECO3008	ECO3009	ECO3010	385

How was the sample taken	From production
Where was the sample taken	Zagorje ob Savi, January 2020

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VAT No.	SI32751257
Contact person	MR. JURE ULE
E-Mail address	jure.ule@kumplast.si

IKEA Supplier number:	
Article name:	ABS edges
Article No.:	804420
Date stamp of article:	Various
What component of the article has to be tested:	Lead test
Which other articles are covered by the same test?	
Used coating line:	Sorbini
Date of sampling	January 2020

Surface coating / covering information:

	Layer 1	Layer 2	Layer 3	
Surface coating/covering <i>producer:</i>	Sun Chemical	Sun Chemical	HELIOS TBLUS D.O.O. Williams	
Surface coating/covering <i>type name:</i>	RF-series	RF-series	UV TOP COAT	
Surface coating/covering <i>identification code:</i>	W0002400331 R0015101331 S0003706331 B0015212331	R0015101331 S0003706331 B0015212331	481000 – RN 467/19	
Surface coating/covering <i>batch name:</i>	ECO3008	ECO3009	385	

How was the sample taken	From production
Where was the sample taken	Zagorje ob Savi, January 2020

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Contact person	MR. JURE ULE
E-Mail address	jure.ule@kumplast.si

IKEA Supplier number:	
Article name:	ABS edges
Article No.:	805740
Date stamp of article:	Various
What component of the article has to be tested:	Lead test
Which other articles are covered by the same test?	
Used coating line:	Sorbini
Date of sampling	January 2020

Surface coating / covering information:

	Layer 1	Layer 2	Layer 3	Layer 4
Surface coating/covering <i>producer:</i>	Sun Chemical	Sun Chemical	Sun Chemical	HELIOS TBLUS D.O.O.
Surface coating/covering <i>type name:</i>	RF-series	RF-series	RF-series	UV TOP COAT
Surface coating/covering <i>identification code:</i>	W0002400331 R0015101331 S0003706331	R0015101331 S0003706331	R0015101331 S0003706331 B0015212331	481000 – RN 467/19
Surface coating/covering <i>batch name:</i>	ECO3008	ECO3009	ECO3010	385

How was the sample taken	From production
Where was the sample taken	Zagorje ob Savi, January 2020

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Contact person	MR. JURE ULE
E-Mail address	jure.ule@kumplast.si

IKEA Supplier number:	
Article name:	ABS edges
Article No.:	805630
Date stamp of article:	Various
What component of the article has to be tested:	Lead test
Which other articles are covered by the same test?	
Used coating line:	Sorbini
Date of sampling	January 2020

Surface coating / covering information:

	Layer 1	Layer 2	Layer 3	
Surface coating/covering <i>producer:</i>	Sun Chemical	Sun Chemical	HELIOS TBLUS D.O.O.	
Surface coating/covering <i>type name:</i>	RF-series	RF-series	UV TOP COAT	
Surface coating/covering <i>identification code:</i>	W0002400331 R0015101331 S0003706331 B0015212331	R0015101331 S0003706331 B0015212331	481000 RN 467/19	
Surface coating/covering <i>batch name:</i>	ECO3008	ECO3009	385	

How was the sample taken	From production
Where was the sample taken	Zagorje ob Savi, January 2020

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Contact person	MR. JURE ULE
E-Mail address	jure.ule@kumplast.si

IKEA Supplier number:	
Article name:	ABS EDGE
Article No.:	810878
Date stamp of article:	VARIOUS
What component of the article has to be tested:	
Which other articles are covered by the same test?	
Used coating line:	Sorbini
Date of sampling	January 2020

Surface coating / covering information:

	Layer 1	Layer 2	Layer 3	Layer 4
Surface coating/covering <i>producer:</i>				HELIOS TBLUS D.O.O.
Surface coating/covering <i>type name:</i>				UV TOP COAT
Surface coating/covering <i>identification code:</i>				481000 – RN 467/19
Surface coating/covering <i>batch name:</i>				381

How was the sample taken	From production
Where was the sample taken	Kisovec, January 2020

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Contact person	MR. JURE ULE
E-Mail address	jure.ule@kumplast.si

IKEA Supplier number:	
Article name:	ABS EDGE
Article No.:	812850
Date stamp of article:	VARIOUS
What component of the article has to be tested:	
Which other articles are covered by the same test?	
Used coating line:	Sorbini
Date of sampling	January 2020

Surface coating / covering information:

	Layer 1	Layer 2	Layer 3	Layer 4
Surface coating/covering <i>producer:</i>				HELIOS TBLUS D.O.O.
Surface coating/covering <i>type name:</i>				UV TOP COAT
Surface coating/covering <i>identification code:</i>				481000 – RN 467/19
Surface coating/covering <i>batch name:</i>				381

How was the sample taken	From production
Where was the sample taken	Kisovec, January 2020

Report No.: 0003313143/30 AZ 364975
Date: 14.01.2020

From:

Supplier name	KUM-PLAST D.O.O.
Address	PREŠERNOVA 1, SI-1410 ZAGORJE OB SAVI
VAT No.	SI32751257
Contact person	MR. JURE ULE
E-Mail address	jure.ule@kumplast.si

IKEA Supplier number:	
Article name:	ABS EDGE
Article No.:	810877
Date stamp of article:	VARIOUS
What component of the article has to be tested:	
Which other articles are covered by the same test?	
Used coating line:	Sorbini
Date of sampling	January 2020

Surface coating / covering information:

	Layer 1	Layer 2	Layer 3	Layer 4
Surface coating/covering <i>producer:</i>				HELIOS TBLUS D.O.O.
Surface coating/covering <i>type name:</i>				UV TOP COAT
Surface coating/covering <i>identification code:</i>				481000
Surface coating/covering <i>batch name:</i>				381

How was the sample taken	From production
Where was the sample taken	Kisovec, January 2020

Report No.: 0003313143/30 AZ 364975
 Date: 14.01.2020

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VAT No.	SI32751257
Contact person	MR. JURE ULE
E-Mail address	jure.ule@kumplast.si

IKEA Supplier number:	
Article name:	ABS EDGE
Article No.:	812980
Date stamp of article:	VARIOUS
What component of the article has to be tested:	
Which other articles are covered by the same test?	
Used coating line:	Sorbini
Date of sampling	January 2020

Surface coating / covering information:

	Layer 1	Layer 2	Layer 3	Layer 4
Surface coating/covering <i>producer:</i>				HELIOS TBLUS D.O.O.
Surface coating/covering <i>type name:</i>				UV TOP COAT
Surface coating/covering <i>identification code:</i>				481000 – RN 467/19
Surface coating/covering <i>batch name:</i>				381

How was the sample taken	From production
Where was the sample taken	Kisovec, January 2020

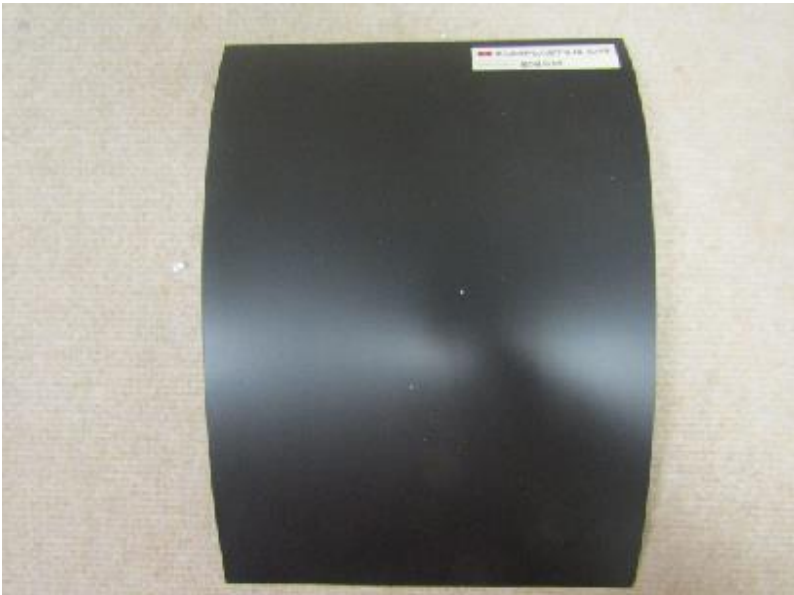
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1. Photo documentation

Picture 1: 808521



Picture 2: 808531



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Date: 14.01.2020

Picture 3: 809880



Picture 4: 804440



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Date: 14.01.2020

Picture 5: 804420



Picture 6: 805740



Report No.: 0003313143/30 AZ 364975
Date: 14.01.2020

Picture 7: 805630



Picture 8: 810878



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Date: 14.01.2020

Picture 9: 812850



Picture 10: 810877



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Picture 11: 812980



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2. List of materials

Article	Article name
1	Decor 808521
2	Decor 80853 1
3	Decor 809880
4	Decor 804440
5	Decor 804420
6	Decor 805740
7	Decor 805630
8	Decor 810878
9	Decor 812850
10	Decor 810877
11	Decor 812980

Mat.No.	Article	Component	Material	Colour
001	1	coating	varnish	white
002	2	coating	varnish	black
003	3	coating	varnish	brown
004	4	coating	varnish	brown, light
005	5	coating	varnish	brown, dark
006	6	coating	varnish	brown
007	7	coating	varnish	brown, dark
008	8	coating	varnish	white
009	9	coating	varnish	black
010	10	coating	varnish	white
011	11	coating	varnish	black

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3. Results

Lead total varnish, USA

Sample No.	364975-001	364975-002	364975-003
Sample composition	Mat. 001	Mat. 002	Mat. 003
Unit	mg/kg	mg/kg	mg/kg
Lead	<10	<10	<10

Sample No.	364975-004	364975-005	364975-006
Sample composition	Mat. 004	Mat. 005	Mat. 006
Unit	mg/kg	mg/kg	mg/kg
Lead	<10	<10	<10

Sample No.	364975-007	364975-008	364975-009
Sample composition	Mat. 007	Mat. 008	Mat. 009
Unit	mg/kg	mg/kg	mg/kg
Lead	<10	<10	<10

Sample No.	364975-010	364975-011	
Sample composition	Mat. 010	Mat. 011	
Unit	mg/kg	mg/kg	
Lead	<10	<10	

Limit USA according to 16 CFR 1303:
90 mg/kg respectively 2 µg if the sample quantity is <10 mg or <1 cm²

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4. Summary of methods

Lead total varnish, USA	Standard: MS-0022823*	Issue date: 21.01.19
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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-E1003-09

Notes:
The result is stated in µg/Probe when the material quantity is <10 mg per test item and the analysis is based on the maximal available material quantity at the sample.

* in-house working instruction

----End of report----