




IMBOX

**HEALTH
&
SAFETY**

Popis pracoviska

Identifikátor produktu	
Názov produktu:	Imbox 121213-7
Dodávateľ:	Imbox Shoecare A/S Gåseagervej 10 8250 Egaa Denmark
Prvky označovania:	
<p>Veľmi horľavá kvapalina a pary. (H225) Môže byť smrteľný po požití a vniknutí do dýchacích ciest. (H304 Dráždi kožu. (H315) Môže spôsobiť ospalosť alebo závraty. (H336) Veľmi toxický pre vodné organizmy, s dlhodobými účinkami. (H410)</p> <p>Výrobok sa používa v uzatvorenom systéme na impregnáciu obuvi. Používateľ nemôže prísť do priameho styku s obsahom výrobku.</p> <p>Pri každej impregnácii sa používa približne 3 – 9 ml výrobku. Vzduch z impregnačnej komory je filtrovaný cez filter s aktívnym uhlím. Očakávaná expozícia: Minimálna.</p> <p>Hotový impregnovaný výrobok sa považuje za tovar. Výrobok nepodlieha označovaniu v rámci nariadenia CLP č. 1272/2008.</p> <p>Existuje uskutočnený výpočet expozície používaného výrobku. RCR (Risk Characterization Ratio, t. j. pomer charakterizujúci riziko) je <1, riziko je týmto kontrolované.</p> <p>Expozičný scenár ukazuje, že nie je potrebná osobná ochrana pri manipulácii s impregnovanou obuvou.</p>	<p>Impregnačný výrobok - len na použitie v uzavretom systéme.</p> <p>Špecifikácie produktov; viď karta bezpečnostných údajov pre profesionálov.</p> <p>PC15 Produkty na úpravu nekovových povrchov.</p> <p>PC23 Produkty na činenie kože, farbenie, konečnú úpravu, impregnáciu a starostlivosť o kožu.</p> <p>PC34 Farbivá, produkty na konečnú úpravu a impregnáciu textilu vrátane bielidiel a ďalších pomôcok pri spracovaní.</p>
 Opatrenia prvej pomoci	
Vdýchnutie:	V prípade nepohodlia po vdýchnutí: Presuňte postihnutého na čerstvý vzduch. Ak ťažkosti pretrvávajú, privolajte lekársku pomoc.
Požitie:	Ústa vypláchnite vodou. Nevyvolávajte vracanie. Ak ťažkosti pretrvávajú, privolajte lekársku pomoc.
Kontakt s pokožkou:	Ak ťažkosti pretrvávajú, privolajte lekársku pomoc a Dôkladne opláchnite pokožku mydlom a vodou.
Očný kontakt:	Spláchnite plochu množstvom vody počas až 15 minút. Odstráňte všetky kontaktné šošovky a otvorte doširoka očné viečka. Ak podráždenie očí pretrváva: vyhľadajte lekársku pomoc/starostlivosť.
Popáleniny:	-
Núdzové telefónne číslo:	1-1-2
 Osebná varovná oprema	

Ochrana pokožky a rúk, krátkodobý kontakt:	Nevyžaduje sa.
Požadované vlastnosti:	Nevyžaduje sa.
Vhodný ochranný odev:	Nevyžaduje sa.
Poznámka k ochrane dýchacích ciest:	Nevyžaduje sa.
 Protipožiarne opatrenia	
Vhodné hasiace prostriedky:	Pena, CO2 alebo suchý prášok. Nepoužívajte vodný prúd ako hasiace médium, lebo to oheň ešte viac rozptýli.

Metódy spracovania odpadu:	Zneškodnite obsah/nádobu do V súlade s miestnymi predpismi.		
Uskladnenie - Výrobok:			
Uskladnenie - Vhodné hasiace prostriedky:			
Uskladnenie - Opatrenia prvej pomoci:			
Umiestnenie osobných ochranných prostriedkov:	Nie je relevantné.		
Ďalšie pripomienky:			
Formulár vyplnený:		Dátum:	
Schválil:		Dátum:	



Copenhagen d. 09-08-2018

Approval for prescription: Imbox 121213-7

AllergyCertified approval number: AC 723

Recipe no. 121213-7

Chemical name	CAS no.	Concentration (sum = 100%)
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic	927-510-4 (Einics)	92,20%
2-6-Dimethylheptan-4-one	108-83-8	0,80%
Aliphatic hydrocarbons	64742-47-8	1,75%
C11-15 Isoalkanes	90622-58-5	1,75%
(2-methoxymethylethoxy)propanol	34590-94-8	1,05%
Flourcarbon	-	2,45%

This product is only approved when used together with the Imbox, impregnation machine for shoes.

Kind regards

Kaspar R. Sundmark

Kaspar R. Sundmark

Chemical Engineer

AllergyCertified



Imbox ShoeCare A/S
Attn.: René Marker
Gåseagervej 10
DK-8250 Egå

Teknologiparken
Kongsvang Allé 29
DK-8000 Aarhus C
Tel. +45 72 20 20 00
Fax +45 72 20 10 19

info@teknologisk.dk
www.teknologisk.dk

Analysis Report No. 416552 Rev.1

This report replaces Analysis Report No. 416552

Assignment: Measurement of VOC emission from shoe impregnation machine

Sampling by: DTI Laboratory for Chemistry and Microbiology

Sample(s) received: 13 January 2011

Test performed: 14 - 24 January 2011

Test results: The results of the analysis and the method(s) used concern only the sample(s) analysed or the sub-sample(s) selected for analysis.

This analysis was carried out in accordance with Danish Technological Institute's General Terms and Conditions regarding Commissioned Work Accepted by Danish Technological Institute. This analysis report may be quoted in extract only if the Laboratory for Chemistry and Microbiology has approved the extract in writing.

The Laboratory for Chemistry and Microbiology


Paul Lyck Hansen
Senior Consultant

Tested product

Imbox version 1.0

Assignment

Characterisation of impregnation liquid and functional testing of Imbox impregnation machine.

Analysis method

The characterisation of the impregnation liquid was carried out by gas chromatographic analysis by GC/MS. The identification of the found components took place by comparison with the NIST MS library. Regarding chromatograms, please see the enclosures.

The functional testing of the impregnation machine was carried out with a MiniRAE 3000 VOC analyser. The equipment was adjusted and calibrated for measurement of n-heptane.

Results

Composition of the impregnation liquid

The head space analysis showed that the applied solvent mainly consists of isomer heptanes corresponding to the solvent naphtha 80/110.

A dichloromethane solution of the impregnation liquid with subsequent GC/MS analysis showed that the impregnation liquid mainly consists of siloxanes.

Functional testing

Measurements were carried out in the impregnation chamber and at the discharge of the charcoal filter, respectively. The measurement in the impregnation chamber showed a max. VOC air concentration 1200 ppm declining to 150 ppm after the impregnation cycle ended.

At the charcoal filter discharge, a VOC content of app. 5 ppm was measured during the impregnation cycle.

Conclusion

The instructions from the Danish Working Environment Authority "Limit values for Substances and Materials – C.O.1" dated August 2007 defines limit values for n-Heptane of 200 ppm and solvent naphtha 80/110 of 400 ppm.

The measurements that were carried out are below both limit values.

Therefore, the design of the shoe impregnation machine is assessed to be appropriate from a working environment hygienic point of view.

Comments

A revision was made of Analysis Report No. 416552 as the company name and address have changed.

Enclosures appear from the previously forwarded report.

In the original report, the date stated under "Test performed" was incorrect. The date has been corrected to "14 – 24 January 2011" in this revised report.

Expertise: 1501780-01-30-01

Datum / Date: 2015-03-30
Frau Vijselaar

Orderer: Imbox ShoeCare A/S

Gaseargervej 10 DK - 8250 Ega / Denmark

Order: Examination of materials

Your letter/Fax/Email dated 2015-03-15 Received: 2015-02-26

Test item: Imbox-Shoecare, Imprægneringsvaeske 121213-7, Batchno. 4381

Test results:

Description of procedure on the following pages.

Parameter	Unit	Result *	Material	Rating
Alkylphenole Ethoxylates, OPEO+NPEO	mg/kg	< 100 NPEO < 100 OPEO	EP	0
Formaldehyde	mg/kg	< 10	EP	0
Perfluorooctane sulphonate, PFOS	mg/kg	< 0.1	EP	0
Perfluorooctanoic acid, PFOA	mg/kg	< 0.1	EP	0

Rating:

0 = Sample meets the requirements

0a = Sample meets the requirements, result below the quantification limit

1 = Further test necessary

2 = Sample failed the requirements

- = not tested or material not available

Remarks:

n.n = not detectable (n.d.), MP = mixed materials, EP = single material test

* Explicit given results for mixed materials (MP) are the total content of the sample. For values with sign of inequality the content of each material of the mixed sample is below the given value

The product meets the actual legal requirements in the tested parameters.

Dr. M. Knauer
(Abteilungsleitung / Department Management)

Dr. K. Schulte
(Institutsleitung / Managing Director)

Die Prüfergebnisse beziehen sich ausschließlich auf die Prüfgegenstände. Ohne schriftliche Genehmigung des PFI darf die Expertise nicht auszugsweise verwendet werden. Restliches Untersuchungsmaterial wird nach 10 Wochen vernichtet. In Einzelfällen kann eine Untervergabe an andere geeignete Prüflaboratorien erfolgen. Ein Verzeichnis der akkreditierten Prüfverfahren und unsere geltenden Allgemeinen Geschäftsbedingungen können auf unserer Internetseite eingesehen werden und werden Ihnen auf Anfrage gerne zugesandt. / *Test results solely refer to the items tested. Extracts of the expertise may not be used without written permission by PFI. Remaining materials will be destroyed after 10 weeks. In individual cases, tests can be carried out by qualified subcontracting laboratories. A list of accredited test methods and our applying general terms and conditions are available on our website and will be sent to you on request.*

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Expertise: 1501780-01-30-01

Datum / Date: 2015-03-30
Frau Vijselaar

Examination Procedure:

Test methods are part of the laboratory accreditation (D-PL-14150-01-00)

Shortened form: Alkylphenole Ethoxylates, OPEO+NPEO

Determination of Nonylphenol ethoxylates (NPEO) and Octylphenol ethoxylates (OPEO)

Alkylphenoles: using GC-MS after solvent extraction with methanol

Alkylphenol ethoxylates: after draft standard DIN EN ISO 18218-1:2012-09 for leather, after draft standard DIN EN ISO 18254:2014-06 for textiles

Shortened form: Formaldehyde

Determination of free and hydrolytic Formaldehyde

DIN EN ISO 14184-1:2011-12 and BVL B 82.02-1:1985-06

Test methods are not part of the laboratory accreditation (D-PL-14150-01-00)

Shortened form: Perfluorooctane sulphonate, PFOS

Determination of Perfluorooctane sulphonate

Draft standard DIN SPEC 1038; DIN CEN/TS 15968:2010-11

Shortened form: Perfluorooctanoic acid, PFOA

Determination of Perfluorooctanoic acid

according to draft standard DIN SPEC 1038; DIN CEN/TS 15968:2010-11

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Expertise: 1501780-01-00-01/04

Datum / Date: 2015-03-03
LV/

Client: Imbox ShoeCare A/S, Gaseargervej 10, DK-8250 Ega / Denmark

Order: Examination of materials

Order: 2015-01/02

Receipt: 2014-12

Test item: Imbox-Shoecare, Imprægneringsvaeske 121213-7, Batchnr. 4381
Reference – untreated leather finished, leather fibre board (Lefa)

Results of examination:

Quality assessment of leather care products according to IKW guidelines

IKW

Parameter	Unit	Result sample	
		Reference leather treated with shoe care product	Reference leather untreated
Application of care product	-	19 ± 0,5g/DIN A4 –treatment crosswise	-
Soiling behavior (13)	-	almost no adhesion	almost no adhesion

Quality assessment of leather care products according to IKW guidelines

IKW

Parameter	Unit	Result sample	
		Reference leather fibre board treated with shoe care product	Reference leather fibre board untreated
Application of care product	-	19 ± 0,5g/DIN A4 –treatment crosswise	-
Water repellency (9.1) - Water drop test	-	7	2
Water repellency (9.2) - Rain test	-	after 10x wetting procedure: rating: 4-5 increase of 0,2g water *	after 2x wetting procedure: rating: 0, increase of 0,3g water *
Oleophobic properties (10)	-	2	0

* Rating 0 = complete moistening of surface / Rating 1 = 50 % of surface moistened

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Expertise: 1501780-01-00-01/04

Datum / Date: 2015-03-03
LV/

Assessment:

The tested shoe care product showed a good anti-soiling behavior against dry dust and pigments. During testing almost no adhesion of the test soil could be determine on the surface of the specimen.

The water repellency of the product can be assessed as excellent and the results meet almost the maximum possible rating number. In comparison to the untreated reference leather fibre board the characteristics of the behavior against water drops and simulated rain were highly improved.

Dipl.-Ing. (FH) L. Vijselaar
(Abteilungsleitung / Department Management)

Dr. K. Schulte
(Institutsleitung / Managing Director)

Die Prüfergebnisse beziehen sich ausschließlich auf die Prüfgegenstände. Ohne schriftliche Genehmigung des PFI darf die Expertise nicht auszugsweise verwendet werden. Restliches Untersuchungsmaterial wird nach 10 Wochen vernichtet. In Einzelfällen kann eine Untervergabe an andere geeignete Prüflaboratorien erfolgen. Ein Verzeichnis der akkreditierten Prüfverfahren und unsere geltenden Allgemeinen Geschäftsbedingungen können auf unserer Internetseite eingesehen werden und werden Ihnen auf Anfrage gerne zugesandt. / *Test results solely refer to the items tested. Extracts of the expertise may not be used without written permission by PFI. Remaining materials will be destroyed after 10 weeks. In individual cases, tests can be carried out by qualified subcontracting laboratories. A list of accredited test methods and our applying general terms and conditions are available on our website and will be sent to you on request.*

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Imbox ShoeCare A/S
Gåseagervej 10
DK-8250 Egå
Att: Mr. René Marker

Dansoll A/S

Name: Jonas Svendsen
Phone: +45 5460 6180
Fax: +45 5460 6509
Date: 30.04.2015

Concerning Imbox 121213-7 liquid

As manufacture of the Imbox 121213-7 liquid we hereby confirm that the product does not contain the following components:

- PFOA
- PFOS
- OPEO
- NPEO
- PFDA
- PFNA

Please feel free to contact me if you have any further questions.

Best regards



Jonas Svendsen
CEO /Dansoll A/S



Professional ShoeCare

IMBOX ShoeCare A/S
Anker Andersens vej 1
7160 Tørring
Denmark

Phone +45 4091 8919
info@imbox-shoecare.com
www.imbox-shoecare.com

CVR-No.: 32941060

Concerning Reach & Imbox weatherproofing liquid

Imbox Shoecare A/S hereby confirms that all chemical substances of the product are pre-registered under the EU Reach legislation and that all the chemical substances are manufactured within the EU.

Venlig hilsen/Kind regards

René Marker
Operational Manager

Statement of Conformity

This product does not fall under the "ATEX" Directive 94/9/EC and as such cannot be affixed with the special marking for explosive protection and other marking details specified in Annex II, EHSR 1.0 of the Directive.

Nevertheless under operation conditions a potentially explosive atmosphere may be created and the enclosed area with belonging components are assessed with regard to explosion risk.

Statement Number TÜV DK 1201024-01

for the equipment: Impregnation machine for shoes

Brand Name: "Imbox"

of the manufacturer: **Imbox ShoeCare A/S**

Address: Haraldsgade 17B
7400 Herning
Denmark

Order number: 51200030

Date of issue: 2012-02-22

This equipment or protective system and any acceptable variation thereto are specified in the belonging assessment report no: 1101024-0.

The parts of the product in which under operation conditions a potentially atmosphere is created has been assessed with regard to:

EN 60079-15:2005

EN 60079-0:2009

If the sign "X" is placed after the statement number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the report to this statement.

This "Statement of Conformity" relates only to the design, examination and tests of the specified equipment in accordance to the assessment report 1101024-01. Further requirements may apply to the manufacturing process and supply of this equipment. These are not covered by this statement.



J. Nittegaard
Managing Director
TÜV Nord Danmark



HOMATIC

EMC Pre-Test Report

for

**DeLinn
DA1200 PCB**

Homatic Projekt 1924

The report must not be reproduced, except in full, without the written approval of Homatic A/S

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Annex 1:	x pages.	Immunity test sheets.
Annex 2:	x pages.	Emission test sheets.
Annex 3:	x pages.	Photos of the tests, test set-up and the EUT.

1 Data

Client:

DeLinn Electronics
Blomsterbakken 2
DK – 9380 Vestbjerg
Attn.: Eik Alrø
Phone: +45 telefonnummer
Fax: +45 faxnummer

Test ordered by:

Eik Alrø

Manufacturer:

Navn

EUT (Equipment Under Test):

DA1200 PCB

Test period:

19/12-2011

Persons who participated in or were present during the test:

Navn, firma
Navn, Homatic Engineering A/S

Test Engineer:

Navn, Kim Fuglsang, Homatic Engineering A/S

Test Responsible:

Navn, Homatic Engineering A/S

Report Responsible:

Navn, Homatic Engineering A/S

2 RF- Field, Emission.

The purpose is to document the level of field emission generated by the EUT.
The limit relates to the protection of radio and TV receivers and other sensitive equipment.

Test set-up and method:

DS/EN 61000-6-3 with set-up and method as defined in the basic standard DS/EN 55022.

DS/EN 61000-6-4 with set-up and method as defined in the basic standard DS/EN 55011.

Detector: Quasi-peak with a measuring bandwidth of 120 kHz

Limits:

Frequency range [MHz]:		DS/EN 61000-6-3 Basic standard: EN 55022 Class B	DS/EN 61000-6-4 Basic standard: EN 55011	
		Measuring distance = 10 m <i>See note 1, 2 and 5</i>	Measuring distance = 10 m <i>See note 4 and 5</i>	Measuring distance = 30 m <i>See note 3</i>
Final measurements	30 - 230	30 dB μ V/m @ 10 m	40 dB μ V/m @ 10 m	30 dB μ V/m @ 30 m
	230 - 1000	37 dB μ V/m @ 10 m	47 dB μ V/m @ 10 m	37 dB μ V/m @ 30 m
Guidance measurements	30 - 230	40 dB μ V/m at 3 m	50 dB μ V/m at 3 m	
	230 - 1000	47 dB μ V/m at 3 m	57 dB μ V/m at 3 m	

Note 1: From the basic standard:

"Applicable only for apparatus containing processing devices e.g. microprocessors, operating at frequencies greater than 9 kHz"

Note 2: From the basic standard (Remark): "The statistical evaluation in the basic standard applies"

Note 3: From the basic standard: "In-situ measurements are excluded from this standard"

Note 4: From the basic standard (Remark): "Emission may be measured at 10 m distance using the limits increased by 10 dB if the provisions of CISPR 11 are used"

Note 5: If a guiding measurement of emission are performed in a shielded room with a distance between EUT and the antenna of 3 m the limits values are limits increased by 10 dB. One should be very carefully because, even by increasing the limits, the results may vary significantly from the final results performed at the calibrated outdoor test set-up (Open Area Test Site). Typically a higher level of noise will be measured in the shielded room. But most interesting is to note emission at specific frequencies for further analyzing.

Detector:

The Quasi-peak detector makes a weighted measurement and the measurement method is used in both of the basic RF-emission standards (EN 55011 and EN 55022) for final measurement results.

In practice, to save time, the measurements will be started by using a peak-detector. This measurement is a non-weighted "worst-case" measurement.

If the measurements made with peak-detector give a result with values close to or above the specified limit, then final measurements will be carried out by use of the Quasi-peak detector.

Result.

The test was performed in a G-TEM Cell, and the data from X,Y, and Z axis are correlated.
The test specification is DS/EN 61000-6-3.

Specified limits were not exceeded during the test.

The EUT complied with the requirements in the specified standard.

Annex 1. Immunity test sheets.

Annex 2.

Emission test sheets.

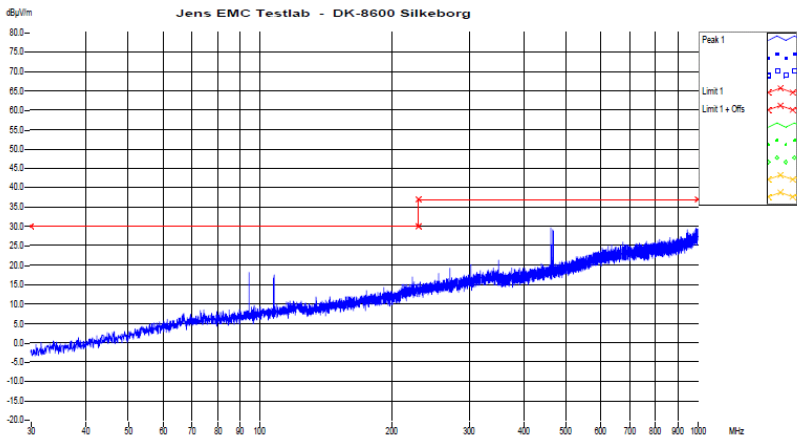


Diagram is based on:
SC-ANG100.COC, last modified on 19-12-2011 at 10:29, on channel 1, standard: EN 55022 CLASS B
Printed on 19-12-2011 at 10:35

Annex 3.
Photo(s) of test set-up

Client:



HOMATIC

XXX

EMC test report

Made by:

XXX

Name of file:

EMC Pre-Test Report1

Project no.:

XXXX

Date:

20XX-MM-DD



IMBOX

Imbox Shoecare as
Gaaseagervej 10
8250 Egaa
Denmark
www.imbox-shoecare.com

SK
v.1.3_SHOP