

GREEN LABEL PLUS

INDOOR AIR QUALITY TESTING PROGRAM

THIS CERTIFIES THAT

Modulyss®

Address: Zevensterrestraat 21, 9240 Zele
Belgium

HAS MET THE REQUIREMENTS OF
THE CARPET AND RUG INSTITUTE'S GREEN
LABEL PLUS PROGRAM FOR CATEGORY:

15X Predyed Nylon with Bitumen Backing

Range of Total VOCs
0.5 mg/m³ or less

*Certified Products: ----- "Predyed Nylon with Back2back or dBack"-----
----- Alpha, Connexion, Converse100, Cube, DSGN Cloud, DSGN Track, DSGN
Tweed, ECO 100 C, First, First Stripes, First Absolute, First Blocks, First Lines, First Radiant, First
Waves, Frame, Grind, In Groove, Leaf, Line-up, ...*

Joe W. Yarbrough, President
The Carpet and Rug Institute, Inc.

Certification Date: December 13, 2013
Expiration Date: December 31, 2018

To view all GLP-Certified products visit www.carpet-rug.org/glpproducts.



THE CARPET AND RUG INSTITUTE, INC.
100 SOUTH HAMILTON STREET
DALTON GA 30720-4612 USA



GLP1100

This product complies with
California DPH Section 01350
Versions 1.1 and 1.2
Private Office Scenario.

A USGBC® recognized third
party certification program
for LEED v4 EQ Credit
Low-Emitting Materials.



ISO/IEC 17065
Product Certification Body
#0754



CERTIFICATE OF CONSTANCY OF PERFORMANCE

0493 - CPR - 0022

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Tufted carpet tiles-FR, 100% polyamide, Bitumen backing

Total mass: 4200g/m² - 4900g/m²

Effective pile thickness: 0,8mm - 5mm

Loose laid on a non-combustible substrate* according to EN 13501-1



*End use substrates of classes A1 or A2-s1,d0 (ISO 13238:2010 § 5.2.2)

produced by or for

MODULYSS NV

Zevensterrestraat 21

9240 Zele

België

and produced in the manufacturing plant(s)

MODULYSS NV

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard


EN 14041:2004/AC:2006

under **system 1** are applied and that

the product(s) fulfil(s) all the prescribed requirements set out above.

This certificate was first issued on **June 16th, 2006** and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly and latest on **February 28th, 2018**.

This certificate consists of 1 certificate and 1 annex


Inge De Witte
certification officer

Zwijnaarde, January 30th, 2017



**Annex
of
CERTIFICATE OF CONSTANCY OF PERFORMANCE**

0493 - CPR - 0022

Tufted carpet tiles-FR, 100% polyamide, Bitumen backing

Related commercial names to this product group are:

- | | | |
|-------------------|---------------------|------------------|
| • Affinity | • First Lines | • On - Line 2 |
| • Alpha | • First Radiant | • Opposite |
| • Alternative 100 | • First Stripes | • Opposite Lines |
| • Base | • First Waves | • Patchwork |
| • Base Lines | • Frame | • Pattern |
| • Black & | • Grind | • Perpetual |
| • Cambridge | • In Groove | • Perugia |
| • Color& | • Leaf | • Pixel |
| • Connexion | • Line-up | • Pure Air 100 |
| • Converse 100 | • Metallic | • Reverse 100 |
| • Cube | • Millennium 100 | • Shine -up |
| • DSGN Cloud | • Millennium MXTURE | • Step |
| • DSGN Track | • Millennium NXTGEN | • Uni |
| • DSGN Tweed | • Millennium TXTURE | • Unique |
| • Eco 100 C | • Moss | • Velvet& |
| • Fashion& | • Motion | • Vision |
| • First | • On - Line 1 | • Wall |
| • First Absolute | | • Willow |
| • First Blocks | | |

The obtained classification is based on the next test reports:

- | | |
|--|--|
| • Centexbel: 13.00134.01 dd 2013/01/31 | • CRET: RL 2015/137 dd 2015/03/23 |
| • CRET: RL2013/277-1 dd 2013/08/12 | • Centexbel: 15.05780.01 dd 2016/01/11 |
| • CRET: RL 2013/335 dd 2013/10/03 | • Cret: RL2016/436-1 dd 2016/08/11 |
| • Centexbel: 14.06003.01 dd 2015/01/09 | • Centexbel: 16.06664.01 dd 2017/01/05 |
| • Centexbel: 14.06003.02 dd 2015/01/09 | |

This certificate consists of 1 certificate and 1 annex





CERTIFICATE OF CONSTANCY OF PERFORMANCE

0493 - CPR - 0109

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Tufted carpet tiles-FR, 100% polyamide, bitumen + needled fleece backing (synthetic)

Total mass: 4600g/m² - 5700g/m²

Effective pile thickness: 0,8mm - 5mm

Loose laid on a non-combustible substrate* according to EN 13501-1



*End use substrates of classes A1 or A2-s1,d0 (ISO 13238:2010 § 5.2.2)

produced by or for

MODULYSS NV

Zevensterrestraat 21

9240 Zele

België

and produced in the manufacturing plant(s)

MODULYSS NV

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard

EN 14041:2004/AC:2006

under **system 1** are applied and that

the product(s) fulfil(s) all the prescribed requirements set out above.

This certificate was first issued on **May 17th, 2013** and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly and latest on **February 28th, 2018**.

This certificate consists of 1 certificate and 1 annex


Inge De Witte
certification officer

Zwijnaarde, February 17th, 2017



**Annex
of
CERTIFICATE OF CONSTANCY OF PERFORMANCE**

0493 - CPR - 0109

Tufted carpet tiles-FR, 100% polyamide, bitumen + needled fleece backing (synthetic)

Related commercial names to this product group are:

- | | | |
|----------------------|-----------------------|-------------------|
| • Affinity dB | • First Lines dB | • Opposite dB |
| • Alpha dB | • First Radiant dB | • Patchwork dB |
| • Alternative 100 dB | • First Stripes dB | • Pattern dB |
| • Base dB | • First Waves dB | • Perpetual dB |
| • Base Lines dB | • Frame dB | • Pixel dB |
| • Black & dB | • Gradient dB | • Pure Air 100 dB |
| • Cambridge dB | • Grind dB | • Reverse 100 cB |
| • C-Line dB | • In Groove dB | • Round-up dB |
| • Color & dB | • Leaf dB | • Shine-up dB |
| • Connexion dB | • Line-up dB | • Step dB |
| • Converse 100 dB | • Mark-Up dB | • Strepqes C dB |
| • Cube dB | • Metallic dB | • Strepqes L dB |
| • DSGN Cloud dB | • Millenium NXTGEN dB | • TXTURE dB |
| • DSGN Track dB | • Millennium dB | • Uni dB |
| • DSGN Tweed dB | • Minimum 100 dB | • Unique dB |
| • Eco 100 C dB | • Moss dB | • Velvet& dB |
| • Fashion& dB | • Motion dB | • Vision dB |
| • First Absolute dB | • MXTURE dB | • Wall dB |
| • First Blocks dB | • On-Line 1 dB | • Willow dB |
| • First dB | • On-Line 2 dB | |

The obtained classification is based on the next test reports:

- | | |
|--|--|
| • Centexbel: 13.01881.01 dd 2013/05/16 | • Centexbel: 13.05343.01 dd 2013/12/13 |
| • Centexbel: 13.01881.02 dd 2013/05/16 | • Centexbel: 15.05780.02 dd 2016/01/11 |
| • Centexbel: 13.01881.03 dd 2013/05/16 | • Centexbel: 16.06664.02 dd 2017/01/06 |
| • Centexbel: 13.01881.04 dd 2013/05/16 | |
| • CRET: RL 2013/277 dd 2013/08/12 | |

This certificate consists of 1 certificate and 1 annex



CENTEXBEL • TEXTILE COMPETENCE CENTRE

Technologiepark 7 • BE 9052 Gent • Belgium • phone +32 9 220 41 51 • fax +32 9 220 49 55 • gent@centexbel.be • www.centexbel.be

VAT • BE 0459.218.289 • IBAN • BE 44 2100 4729 6545 • BIC • GEBABEBB



11000732

MOTION

PRODIS-GUT Certificate

The article mentioned meets the test criteria of
Gemeinschaft umweltfreundlicher Teppichboden e.V.

Short description of the textile floor covering

Type of production: pile carpet acc. EN 1307:2014 - tufted
Type of surface: loop pile - loop pile like - patterned
100% PA6
Type of backing: heavy backing Bitumen based - with textile bottom - reinforced - contains recycled material

Harmful substances

The bans on use and thresholds, if applicable, in particular for SVHCs, carriers, azo dyes, allergenic and carcinogenic dyes, heavy metals chlorophenols (e.g. PCP), biocidal substances, phthalates and other softeners, halogenised flame retardants and Sb_2O_3 as well as inorganic fibres specified in the GUT criteria have been met.

Formaldehyde

The ban on the use of adjuvants containing or splitting off formaldehyde have been met.
The formaldehyde emissions are $< 10 \mu\text{g}/\text{m}^3$.

VOC emissions

Threshold in $\mu\text{g}/\text{m}^3$	3 days	28 days
TVOC ($\text{C}_6\text{-C}_{16}$):	250	100
VOC without NIK:	100	50
SVOC ($\text{C}_{16}\text{-C}_{23}$):	30	30
R-value:	1,0	1
HCHO:	10	4
carcinogenics:	not detectable	
benzene:	not detectable	

The limit values for VOC emissions indicated alongside, determined in accordance with the test chamber process (ISO 16000-6 or EN 10580), have been met. The test was made 3 days, or, where required, 28 days after placement into the chamber.

The evaluation of the emissions and the calculation of the R value were based on the then current LCI list of the AgBB.

Odour

The product has passed the odour test with at least the grade 3.
A slight odour of low intensity is permissible in new merchandise.

Shares of recycled materials

The requirements regarding the content of contaminants and the emission behaviour apply unrestrictedly also to products whose manufacture included the use of recycled materials. The use of recycled raw materials (e.g. pile fibres) must be indicated when the manufacturer registers the article.

For a complete list of all limit values and test criteria see
www.gut-ev.de

Aachen, 10.05.2017



This certificate was issued electronically and requires no further signature

Gemeinschaft umweltfreundlicher Teppichboden e.V.,
D-52068 Aachen, Schönebergstrasse 2

PRODIS

THE COMPREHENSIVE
EUROPEAN PRODUCT
INFORMATION SYSTEM FOR
TEXTILE FLOORCOVERINGS

QUALITY MANAGEMENT SYSTEM CERTIFICATE

ISO 9001 : 2015

BQA nv hereby declares that the management system of Balta Industries NV, Balta Oudenaarde and modulyss NV



located at

*Wakkensteenweg, 2 – 8710 Sint-Baafs-Vijve - Belgium - Industriepark De Bruwaan 4 – 9700 Oudenaarde – Belgium – Zevensterrenstraat 21 – 9240 Zele - Belgium,
has been examined on 23-04-2018*

and found in conformity with the ISO 9001, edition 2015, standard for the following application field:

***The Design, the Production, Sales and Customer Services of Area Rugs, Broadloom Carpet, Carpet Tiles and Needled
Products for the sites in***

Sint-Baafs-Vijve, Sint-Eloois-Vijve, Avelgem, Tielt, Zele and Oudenaarde.

*This certificate has been issued by BQA nv according to its quality manual concerning the certification of
systems, and after concluding the contract of certification N° CER_SJ_QMS2015_27-4-2018_25_N
under which the company accepts a regular control of its management system.*

*Certificate N° BQA_QMS_C_199225
Valid until 2021-04-22*

A handwritten signature in black ink, appearing to read "D. SIMOENS".

*D. SIMOENS
Director*



CERTIFICATE OF ENVIRONMENTAL MANAGEMENT SYSTEM

ISO 14001 : 2015

BQA nv hereby declares that the environmental management system of the company Balta Industries NV, Balta Oudenaarde NV and modulyss NV



located at

*Wakkensteenweg, 2 – 8710 Sint-Baafs-Vijve – Belgium - Industriepark De Bruwaan 4 – 9700 Oudenaarde - Belgium – Zevensterrenstraat, 21 – 9240 Zele - Belgium,
has been examined on 23-04-2018 and found in conformity with the ISO 14001, edition 2015, standard for the following application field:*

***The Design, the Production, Sales and Customer Services of Area Rugs, Broadloom Carpet, Carpet Tiles and Needled Products
for the sites in***

Sint-Baafs-Vijve, Sint-Eloois-Vijve, Avelgem, Tielt, Zele and Oudenaarde.

*This certificate has been issued by BQA nv according to its quality manual EMS concerning the certification of environmental
management systems, and after the contract of certification N° CER_SJ_EMS2015_27_04_2018_459_N
under which the company accepts a regular control of its environmental management system.*

Certificate N° BQA_EMS019_C_200892

Valid until 2021-04-22



019-EMS

*D. SIMOENS
Directeur*



ISO 26000 Guidance

At the beginning of 2011, modulyss initiated the guidance process for the strategic embedding of CSR in accordance with the ISO 26000 standard, and called on the services of the experts from BECO (www.beco.be). This process has resulted in a CSR at modulyss that meets the guidelines of the ISO 26000 standard.

The following steps have been taken in order to work in compliance with the ISO 26000 guidelines:

1. GAP analysis

Interviews were conducted in the company to gauge the extent to which modulyss already addresses all relevant CSR issues properly and the extent to which the supply chain is involved in this process. The results of the gap analysis were compiled per ISO 26000 core subject, where the focus lay on points of particular interest on the CRS front in future.

2. Internal selection of priorities

This phase built on the **prioritisation** based on the existing application of sustainability (visions, objectives, systems, structures and processes) on the one hand, and points of particular interest in future on the other. Pursuant to the ISO 26000 standard, an action plan is prioritised on the basis of **relevance** and **significance**.

3. Identification of stakeholders and charting of a dialogue plan

According to ISO 26000, it is essential to involve the stakeholders/interested parties of the organisation in the modulyss CSR policy. The most important stakeholders of modulyss were identified. This identification resulted in a stakeholder dialogue plan that indicates clearly the method and frequency of communication with the stakeholders.

4. Drawing up a CSR action plan

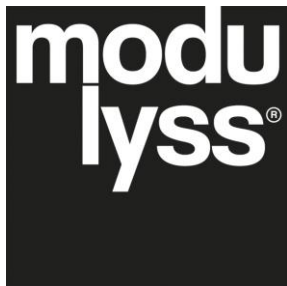
The identified priorities (step 3) form the basis for the **CSR action** plan of modulyss which monitors and verifies the process continuously: what is the current situation, how will the objective be reached, who is responsible for the implementation in which timeframe.

5. Monitoring and evaluation

The CSR policy and action plan are monitored and evaluated by BECO. This monitoring is essential because CSR is a systematic, incremental process, where it is not possible to tackle all challenges at the same time.

Anouk Van de Meulebroecke
Director, BECO Belgium



**Modulyss**

Zevensterrestraat 21

B- 9240 Zele

Belgium

Tel +32 (0)52 75 42 11

Fax +32 (0)52 40 90 99

info@modulyss.com

www.modulyss.com

Modulyss REACH statement

10/06/15

Dear customer,

With this statement we would like to inform you about the position of Modulyss in respect of the REACH-regulation (Registration, Evaluation, Authorisation and restriction of Chemicals). Today we are in compliance with REACH. We will continue our efforts in monitoring further developments in the REACH-regulation as well as in assuring further compliance in this matter.

Modulyss is a downstream user of "substances" and "preparations" (dyestuffs/chemicals) and a textile (=article) manufacturer. In order to perform our duty we are taking the following actions:

Modulyss is a downstream user of dyestuffs and chemicals. We have to make sure that our suppliers know the applications we use their products for (identified uses) where they are responsible for (pre)registrations of these chemicals and associated risk assessment(s). Therefore we are in close co-operation with our suppliers to monitor their progress and measures for REACH compliancy. An inventory of our dyestuffs/chemicals, enables us to react rapidly to any change in the supply chain. Each newly bought dyestuffs/chemicals is examined on the basis of the REACH regulation. During this process, the customer's specific requirements and label specific requirements are included.

Our textile products are "articles" and are therefore not submitted to any registration obligations, except for the intended released chemical substances (not included in our article range). Secondly, the European Chemical Agency (ECHA) publish, on a regular basis (+/- every 6 months), a list of substances of very high concern (SVHC) on the Candidate list (http://echa.europa.eu/chem_data/candidate_list_table_en.asp). All required communications are uniquely linked to this official list. Whenever one of our articles (textile products) contains such a substance, above 0.1 % (w/w), we will communicate about these chemicals to our clients. Besides, Modulyss will start an active search for an alternative solution for the used substances on the Candidate list. Additionally, our textile products comply to all the restrictions, as mentioned in annex XVII of the Reach-regulation. Based upon our own and our (European and non-European) suppliers' current knowledge, we can inform that we do not use any of these substances. Finally, we like to refer to the GuT-ProdIs labelling of our textile products, based on much stricter acceptance criteria.

We are convinced that we have informed you of our REACH approach. We will continue to inform you on the further progress towards full REACH compliancy.

We also trust that our statement is an answer to all your enquiries, questionnaires and concerns related to REACH within the framework of our collaboration. However, we are at your disposal for any additional questions.

Sincerely yours,

A handwritten signature in blue ink, appearing to read 'Wim Denecker', is written over a horizontal line. The signature is stylized with a large 'W' and a long, sweeping underline.

Wim Denecker
REACH coordinator

Artikel	Tillverkare / Leverantör
Varumärke: Modulyss	Namn: R. Ardbo Golv AB
Namn: Modulyss Textilplattor	Miljöledningssystem: -
Beskrivning: Textilplattor av polyamid med SBS-baksida.	EMAS-registrering: -
Artikelnr:	ISO 14001 certifiering: -
BSAB-kod: MFB - Beläggningar av matta eller plattor av textil	REPA-registret: -
BK04: 03106 - Textilgolv	

Sammanfattning


Förutsättningar: Fullständig dokumentation, detaljbedömning möjlig

Bedömning: B

Anmärkning:

	Vid tillverkningen	I den färdiga produkten
Utfasningsämnen:	Ja (U)	-
Prioriterade riskminskningsämnen:	Ja (R)	-
PBT/vPvB-ämnen:	-	-
Potentiella PBT/vPvB-ämnen:	-	-
Hormonstörande ämnen kategori 1:	Ja (H)	-
Hormonstörande ämnen kategori 2:	-	-
Miljöfarliga ämnen:	Ja (Y)	-
Hälssofarliga ämnen:	Ja (S)	-
Hälssofarliga ämnen i bruksskedet: -		
Annan miljömärkning:		
Energiklass:		
	Förnyelsebara råvaror:	
	Varningar:	
	Nanopartiklar:	❓ Förekomsten av nanopartiklar är okänd.

Redovisad dokumentation

Typ	Utgåva	Kontroll	Status
Säkerhetsdatablad *1	2012-04-05	2014-03-27	Manuellt
Säkerhetsdatablad *1	2012-04-05	2014-03-27	Manuellt
Säkerhetsdatablad *1	2011-09-08	2014-03-27	Manuellt
Säkerhetsdatablad *1	2011-08-17	2014-03-27	Manuellt
Säkerhetsdatablad *1	2011-05-06	2014-03-27	Manuellt
Säkerhetsdatablad *1	2011-02-07	2014-03-27	Manuellt
Säkerhetsdatablad *1	2010-11-11	2014-03-27	Manuellt
Säkerhetsdatablad *1	-	2014-03-27	Manuellt
Varuinformationsblad *1	2011-02-25	2014-03-27	Manuellt
Varuinformationsblad *1	2009-06-22	2014-03-27	Manuellt
 Byggvarudeklaration 3	2014-05-06	2014-05-06	Manuellt
Internt dokument *1	2014-03-27	2014-03-27	Manuellt
Internt dokument *1		2014-04-07	Manuellt
Internt dokument *1		2014-04-07	Manuellt
Internt dokument *1		2014-04-07	Manuellt

Ingående ämnen

Namn	CAS-nr	Mängd	Riskfraser
aluminiumtrihydrat	21645-51-2	7,5 %	
antistatisk material		0,75 %	
bitumen	8052-42-4	<16 %	
kalciumpkarbonat	1317-65-3	57,7 %	
PA 66		<12 %	
(adipinsyra)	124-04-9		R36
(hexametylendiamin, 1,6-)	124-09-4		R34, R37, R21/22
polyakrylat		0,44 %	
(akrylsyra (2-propensyra))	79-10-7		R10, R35, R50, R20/21/22
polyamid 6 (PA 6)	63428-83-1	≤12 %	
(aminokapronsyra)	60-32-2		R36/37/38
polyesterväv, PET	25038-59-9	<18 %	
(1,2-etandiol)	107-21-1	<6,3 %	R22
(tereftalsyra)	100-21-0	<11,7 %	R20, R36/38
polyetersulfon (PES)		<18 %	
(4-fluorofenylsulfon)	383-29-9		
(bisfenol A)	R H1 80-05-7		R37, R41, R43, R62
SBR-gummi		<7,1 %	
(butadien)	U § 106-99-0	<0,639 %	R12, R45, R46
(styren)	H1 100-42-5	<6,461 %	R10, R20, R36/38
SBS	9003-55-8	<1,9 %	
(butadien)	U § 106-99-0	<1,33 %	R12, R45, R46
(styren)	H1 100-42-5	<0,5605 %	R10, R20, R36/38

Emissioner	Energiåtgång	Restprodukter / Avfall	
VOC:	Råvaror:	Vid byggnation	Vid rivning
TVOC:	Tillverkning:	Återanvändning:	Ja
TVOC 4:	Totalt:	Materialåtervinning:	Ja
TVOC 26:		Energiutvinning:	Ja
Formaldehyd:		Deponering:	
Uppfyller E1:		Avfallsslag:	04 02 99
		Farligt avfall:	-

Andel återvunnet material	Livslängd
Pre-consumer:	Livslängd: 15-50 år
Post-consumer:	

Klassning av produkten

Faroangivelser:
Skyddsangivelser:
Riskfraser:
Skyddsfraser:

Övrigt

Bedömd: 2014-05-06 av Jane Wigren

Reviderad:

SHMD-nummer: SHMD-J3JXTREJ9

Kriterier: SundaHus Miljödata Bedömningskriterier utgåva 6.00

Förklaringar

(U)	Vid tillverkningen har det använts minst ett utfasningsämne.
U	Ämnet uppfyller kriterierna för ett utfasningsämne enligt PRIO.
(R)	Vid tillverkningen har det använts minst ett prioriterat riskminskningsämne.
R	Ämnet uppfyller kriterierna för ett prioriterat riskminskningsämne enligt PRIO.
(H1)	Vid tillverkningen har det använts minst ett ämne som finns upptaget på Europeiska kommissionens prioriteringslista över hormonstörande ämnen under kategori 1, vilket innebär att det finns vetenskapliga bevis för hormonstörande effekt i minst en djurart (inklusive människa).
H1	Ämnet finns upptaget på Europeiska kommissionens prioriteringslista över hormonstörande ämnen under kategori 1, vilket innebär att det finns vetenskapliga bevis för hormonstörande effekt i minst en djurart (inklusive människa).
	Hälsosofarliga ämnen i tillverkningsskedet.
§	Ämnet finns upptaget i begränsningsdatabasen.
?	Förekomsten av nanopartiklar är okänd.
(Y)	Vid tillverkningen har det använts minst ett miljöfarligt ämne.
(namn)	Ett ämnesnamn inom parentes indikerar att ämnet endast förekommer i tillverkningen, inte i den färdiga produkten.
*1	Leverantören/distributören tillåter inte att vi visar detta dokument.
04 02 99	Annat avfall
R10	Brandfarligt
R12	Extremt brandfarligt
R20	Farligt vid inandning
R20/21/22	Farligt vid inandning, hudkontakt och förtäring
R21/22	Farligt vid hudkontakt och förtäring
R22	Farligt vid förtäring
R34	Frätande
R35	Starkt frätande
R36	Irriterar ögonen
R36/37/38	Irriterar ögonen, andningsorganen och huden
R36/38	Irriterar ögonen och huden
R37	Irriterar andningsorganen
R41	Risk för allvarliga ögonskador
R43	Kan ge allergi vid hudkontakt
R45	Kan ge cancer
R46	Kan ge ärftliga genetiska skador
R50	Mycket giftigt för vattenlevande organismer
R62	Möjlig risk för nedsatt fortplantningsförmåga