



INTERNATIONAL ANTI-FOULING SYSTEM CERTIFICATE

(This certificate shall be supplemented by Record of Anti-fouling Systems)

Issued under the
International Convention on the Control of Harmful Anti-Fouling Systems on Ships

under the authority of the Government of

Denmark
by
Danish Environmental Protection Agency

Particulars of ship¹

Name of ship: SOFIE THERESA
Distinctive number or letters: OUQV2
Port of registry: Struer
Gross tonnage: 2660
IMO number²: 9297151

An Anti-Fouling System controlled under Annex 1 has not been applied during or after construction of this ship



An anti-fouling system controlled under Annex 1 has been applied on this ship previously, but has been removed by on



An anti-fouling system controlled under Annex 1 has been applied on this ship previously, but has been covered with a sealer coat applied by on



An anti-fouling system controlled under Annex 1 was applied on this ship prior to ³, but must be removed or covered with sealer coat prior to ⁴



¹ Alternatively, the particulars of the ship may be placed horizontally in boxes.

² In accordance with the IMO Ship Identification Number Scheme adopted by the Organization with Assembly resolution A.600(15)

³ Date of entry into force of the control measure.

⁴ Date of expiration of any implementation period specified in article 4(2) or Annex 1.

THIS IS TO CERTIFY THAT:

1. the ship has been surveyed in accordance with regulation 1 of Annex 4 to the Convention, and
2. the survey shows that the anti fouling system on the ship complies with the applicable requirements of Annex 1 to the Convention.

Issued at Copenhagen
(Place of issue of Certificate)

04 November 2004

Date of issue

MILJØMINISTERIET
MILJØSTYRELSEN
STAVNGÅRDEN
1401 KØBENHAVN K.

Ivan Andersen

(Signature of authorized official issuing the Certificate)

Date of completion of the survey on which this certificate is issued: 04 November 2004

RECORD OF ANTI-FOULING SYSTEMS

This record shall be permanently attached to the International Anti-Fouling System Certificate.

Particulars of ship

Name of ship: Sofie Theresa
Distinctive number or letters: OUQV2
IMO number: 9297151

Details of anti-fouling system(s) applied:

Type(s) of anti-fouling system(s) used Jotun Anti-fouling Seaquantum Classic
Date(s) of application of anti-fouling system(s) August 2004
Name(s) of company(ies) and facility(ies)/locations(s) where applied Dearsan Ship Yard, Turkey
Name(s) of anti-fouling system manufacturer(s) Jotun
Name(s) and colour(s) of anti-fouling system(s) Jotun Seaquantum Classic
Active ingredient(s) and there Chemical Abstract Services Registry Number(s) (CAS number(s))
Dikobberoxid (Cas No. 1317-39-1), zinc oxide (CAS No. 1314-13-2), bis(1-hydroxy-1h-pyridine-2-thionato-o-s)copper (CAS No. 14915-37-8)
Type(s) of sealer coat, if applicable
Name(s) and colour(s) of sealer coat applied, if applicable
Date of application of sealer coat

THIS IS TO CERTIFY that this record is correct in all respects.

Issued at Copenhagen
(Place of issue of Record)

04 November 2004
Date of issue

Ivan Andersen

(Signature of authorized official issuing the Record)

MILJØMINISTERIET
MILJØSTYRELSEN
STRANDSØDE 29
1401 KØBENHAVN K.

Endorsement of the Records⁵

THIS IS TO CERTIFY that a survey required in accordance with regulation 1(1)(b) of Annex 4 to the Convention found that the ship was in compliance with the Convention.

Details of anti-fouling system(s) applied:

Type(s) of anti-fouling system(s) used Jotun Anti-fouling Seaquantum Classic

Date(s) of application of anti-fouling system(s) August 2004

Name(s) of company(ies) and facility(ies)/locations(s) where applied Dearsan Ship Yard, Turkey

Name(s) of anti-fouling system manufacturer(s) Jotun

Name(s) and colour(s) of anti-fouling system(s) Jotun Anti-fouling SeaQuantum Classic

Active ingredient(s) and their Chemical Abstract Services Registry Number(s) (CAS number(s))

Dikobberoxid (CAS No. 1317-39-1), zinc oxide (CAS No. 1314-13-2), bis(1-hydroxy-1h-pyridine-2-thionato-o-s)copper (CAS No. 14915-37-8)

Type(s) of sealer coat, if applicable

Name(s) and colour(s) of sealer coat applied, if applicable

Date of application of sealer coat

Signed: Ivan Andersen

(Signature of authorized official issuing the Record)

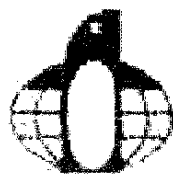
Place: Copenhagen

Date⁶: 04 November 2004

MILJØMINISTERIET
MILJØSTYRELSEN
STRANDGADE 29
1401 KØBENHAVN K.

⁵ This page of the record shall be reproduced and added to the Record as considered necessary by the Administration.

⁶ Date of completion of the survey on which this endorsement is made.



JOTUN

Certificate

*This is to Certify the Supply of
TBT Free Antifouling compliant with
IMO's AFS Convention to this Ship **

SeaQuantum

Shipped to: *Deutsche Shipping*

Vessel name: *M. P. Sule Liberia*

Date of supply: *August 2003*

Signature on behalf of Jotun Paints

AFS COMPLIANT - Contains no TBT

[Handwritten signature and stamp]

Certificate Limitations

An official international anti-fouling system Certificate may only be issued by a national coastal authority and must be signed and stamped by the competent authority.

Jotun Paints will not certify, nor supply, or be responsible for, any antifouling system other than those supplied by Jotun Paints.

SIKKERHEDSDATABLAD



Antifouling SeaQuantum Classic

1. Identifikation af stoffet/materialet og selskabet/virksomheden

Produktets navn og/eller nummer : Antifouling SeaQuantum Classic

Etiket No. : 3126

Leverandør/ Producent : Jotun Paints, afd. af Jotun Danmark A/S
Tørnerosevej 127
DK-2730 Herlev

Tel: +45 44 92 94 00
Fax: +45 44 92 94 01

Nødtelefon : Gift Informationscentralen: 35 31 60 60

Anvendelsesområde : Belægninger: Løsemiddelbaseret.

Produktregistreringsnummer : Under anmeldelse

2. Sammensætning / oplysning om indholdsstoffer

Kemisk navn*	CAS-nr.	EF-nummer	%	Klassificering
Dikobberoxid	1317-39-1	215-270-7	25 - 50	Xn; R22
Xylen	1330-20-7	215-535-7	10 - 25	R10 Xn; R20/21 Xi; R38
solventnaphtha (råolie), let aromatisk	64742-95-6	265-199-0	2.5 - 10	R10 Xn; R20, 65 Xi; R37 R66 N; R51/53
Ethylbenzen	100-41-4	202-849-4	2.5 - 10	F; R11 Xn; R20 N; R50/53
zinc oxide	1314-13-2	215-222-5	2.5 - 10	R43
terpentinoliefri harpiks	8050-09-7	232-475-7	1 - 2.5	T+; R26
bis(1-hydroxy-1h-pyridine-2-thionato-o,s)copper	14915-37-8	238-984-0	1 - 2.5	Xn; R22 Xi; R38, 41 N; R50

Den komplette tekst i de ovenfor nævnte R-sætninger vises i sektion 16

* Grænseværdier er nævnt i punkt 8, hvis de er tilgængelige

3. Fareidentifikation

Præparatet er klassificeret som farligt ifølge EU-direktiv 1999/45/EC med senere ændringer.

Brandfarlig.

Farlig ved indånding, ved hudkontakt og ved indtagelse.

Irriterer huden.

Kan give overfølsomhed ved kontakt med huden.

Giftig for organismer, der lever i vand. Kan forårsage uønskede langtidsvirkninger i vandmiljøet.



Sundhedsskadelig



Miljøfarlig

4. Førstehjælpsforanstaltninger

Førstehjælpsforanstaltninger

- Generelt** : I tvivlstilfælde eller ved vedvarende symptomer skal der søges lægehjælp. Giv aldrig en bevidstløs person noget gennem munden.
- Indånding** : Bring personen ud i frisk luft. Hold personen varm og i ro. Hvis der ingen vejtrækning er, hvis vejtrækningen er uregelmæssig eller hvis åndedrættet ophører, så sørg for kunstigt åndedræt eller ilt fra uddannet personale. Giv ikke noget gennem munden. Ved bevidstløshed, anbring den tilskadede i aflåst sideleje, og søg lægehjælp.
- Hudkontakt** : Forurenet tøj og sko fjernes straks. Vask huden grundigt med vand og sæbe, hudrensemiddel kan anvendes. Brug IKKE opløsningsmidler eller fortyndere.



RECOGNISED ANTI-FOULING PAINTS
in compliance with the IMO International Convention
on the Control of Harmful Anti-fouling Systems on Ships

Certificate No: MNDE/2003/1304

This certificate is issued to the company named below. The anti-fouling paint is recognised to be compliant with the IMO International Convention on the Control of Harmful Anti-fouling Systems on Ships adopted in October 2001. This recognition does not cover other properties, such as anti-fouling performance, service life, safety or toxicity etc.

The recognition is subject to Lloyd's Register being informed of any changes in and modifications to the product's formulation or specification. Lloyd's Register reserves the right to withdraw or re-issue this certificate upon any future amendments of the IMO Convention.

Manufacturer: **Jotun Paints
Sandefjord
Norway**

Product name: **Antifouling SeaQuantum Classic**

Product colours: **Light Red
Dark Red
Blue
Green
Black**

The certificate will be valid until the date shown below.

Date of expiry: 30 April 2006

Date of issue: 15 April 2003


Lloyd's Register