

Antifoulings

The Legislative Position By Country

February 2003 Update

CANADA

- All anti-foulings applied in Canada require registration with the Government (Health Canada)

Restrictions

Application of TBT anti-foulings completely banned from 31/10/02.

All registered antifoulings containing copper must have a release rate of less than 40µg copper/cm²/day

USA

- All antifoulings applied in the USA require registration both Federally with the Environmental Protection Agency (US EPA) and with each state Environment Agency.

Restrictions

TBT antifoulings must not be applied to vessels under 25m in length (aluminum hulls exempted) and must have a TBT release rate of less than 4µg TBT / cm² paint / day

TBT under 'special review' by EPA . EPA actively seeking voluntary cancellations of TBT products registered under FIFRA in line with IMO Antifouling Systems Convention

The US Government signed up to the IMO Antifouling Systems Convention on December 17th 2002 "subject to ratification"

Antifouling paints applied in California subject to VOC legislation (maximum levels set in certain air quality districts)

Vessels operating in Alaskan waters must not be repainted with TBT anti-foulings (Alaskan state law, 1/1/2001)

Caribbean Countries

Antigua and Barbuda have signed up to the IMO Anti-fouling Systems Convention

Brazil

Has signed up to the IMO Anti-fouling Systems Convention

For more information on IMO Antifouling Systems Convention, visit international-marine.com

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EUROPE - NON-EU MEMBER STATES

- All antifoulings applied in Malta, Switzerland require registration

Restrictions

Most European States outside the EU have banned application of TBT antifoulings on vessels less than 25 meters in length under National laws

EUROPEAN UNION COUNTRIES

Finland, Sweden, Belgium have signed up to the IMO Antifouling Systems Convention "subject to ratification", Denmark has signed up 'without reservation'.

Anti-foulings applied in UK, Sweden, Netherlands, Eire, Belgium, Finland and Austria must be registered under current National pesticide laws.

Note:

The EU Biocidal Products Directive (98/8/EC) will require all anti-fouling paints and biocides used in them to be registered in 2006/7 under a common registration procedure.

EU Restrictions

Application of TBT anti-foulings to all vessels forbidden in all EU countries from 1/1/2003 under EU law, ie. 'the Marketing and Use directive'

New EU law to be brought into force (~April 2003) forbidding application of TBT anti-foulings to any ship flying the flag of an EU country from April 2003 and banning the presence of TBT on all ships hulls by 1/1/2008. Ships changing flag to that of an EU country, where TBT was applied after 1/1/2003, must remove all TBT from the hull or apply a sealer coat.

Sweden

Registrations for TBT anti-foulings cancelled.

Restrictions on the use of Copper in pleasure craft anti-foulings apply, ie.

- Copper-containing antifouling products used on pleasure craft in the Baltic sea areas banned
- Products used on pleasure craft on the West coast areas of Sweden subject to copper leaching rate restrictions, ie. Must show leaching rate < 200 ug Copper / square cm in first 14 days and < 350 ug Copper / square cm in first 30 days after immersion

UK

Registrations for TBT anti-foulings cancelled.

Registrations for use of organic biocides 'Irgarol 1051' and 'Diuron' in pleasure craft anti-foulings cancelled

Netherlands

- Use of products containing copper banned for pleasure craft operating in fresh water areas

JAPAN

Anti-fouling paints containing biocides applied in Japan do not require "registration" but must contain biocides approved by Government/Industry committees, eg. JSA/MITI.

Restrictions

Application of TBT antifoulings in Japan has been totally forbidden since 1992

HONG KONG, CHINA

- All anti-fouling paints applied in Hong Kong must be registered

Restrictions

- All TBT products must have a biocide release rate of less than 4µg TBT/cm²/day

KOREA

- Use of TBT on small ships forbidden, Korean government considering introduction of a registration scheme for anti-foulings

SINGAPORE / MALAYSIA / TAIWAN / PR of CHINA

- No restrictions / registration procedures for anti-fouling paints under pesticide / biocide laws

AUSTRALIA

Has signed the IMO Anti-fouling Systems Convention 'subject to ratification'

- All anti-foulings applied in Australia require registration with NRA (National Registration Authority) under pesticide laws

Restrictions

- Registration of TBT anti-foulings forbidden from June 2003

NEW ZEALAND

- All anti-foulings applied must be registered

Restrictions

- Application of TBT antifoulings is forbidden

Note : Signature to the IMO Antifouling Systems Convention 'subject to ratification' means the country intends to implement national laws needed to ratify the treaty