

## Application summary

<b>Application number:</b>	ERMA200107, Sea Alu
<b>Application type:</b>	Notified, Importation or manufacture for release, Category A
<b>Applicant contact:</b>	Leanne Taylor
<b>Applicant:</b>	Polymer Group Limited Greenmount PO Box 58256 Manukau 2141 New Zealand
<b>Purpose:</b>	To import or manufacture Sea Alu as a coating inhibiting marine organism growth on aluminium vessels.
<b>Date formally received:</b>	18 December 2009

### Application summary prepared by Polymer Group Limited

SeaAlu is an antifouling coating, containing copper (as copper thiocyanate and copper pyrithione) and zinc (as zinc oxide), intended for newly built, and in maintenance of, aluminium vessels.

SeaAlu is flammable, toxic and ecotoxic. These properties will be controlled by the manufacturer, the importer, and the applicators.

The manufacturer will provide packaging suitable for hazardous substances and labels with information about the hazards.

The importer will ensure that transport within New Zealand is in accordance with the Land Transport Rules, provide suitable storage and signage for the product, and only sell the product to workplaces with experience in using antifouling coatings.

SeaAlu is applied as part of a coating system, usually consisting of an anti-corrosive coating, a tiecoat to ensure adhesion, and two coats of SeaAlu. One litre of SeaAlu will theoretically coat 5.3m<sup>2</sup> to a dry film thickness of 125 microns. This system will usually provide 24 months of antifouling protection.

Information will be provided to applicators recommending adequate ventilation or protection to prevent inhalation; suitable clothing to prevent ignition or skin contact; and inspection of any spray equipment to prevent leaks. Adequate information will be provided in the MSDS to ensure the packaging and any residues are disposed of in accordance with Hazardous Substance Regulations.

SeaAlu is not more hazardous than other antifouling coatings approved under HSNO legislation and existing controls for this kind of product are well understood by applicators.

SeaAlu will provide specialist technology for owners and manufacturers of aluminium vessels which is equally or more effective than antifouling coatings currently available in New Zealand. Antifouling coatings provide benefit to the economy, by prolonging the service and increasing the value of watercraft, and to the environment by reducing fuel use. SeaAlu further provides benefit to the environment by the choice of active ingredient, which does not bioaccumulate or possess chronic toxicity for non-target organisms.