

Application summary

Application number:	ERMA200593, Permatek IM30
Application type:	Notified, Importation or manufacture for release,
Applicant contact:	Christine Hayward
Applicant:	Zelam Limited Fitzroy PO Box 7142 New Plymouth 4341 New Zealand
Purpose:	To manufacture Permatek IM30 (containing imidacloprid) as a timber treatment for protection against termite attack
Date formally received:	31 August 2010

Application summary prepared by Zelam Limited

Permatek IM30 is a permanent timber treatment for protection of sawn lumber from termite attack. Permatek IM30 will be used in NZ to treat lumber exported to Australia to meet the requirements of the Australian Building Authorities. Toxicity studies undertaken for EPA registration purposes, show Permatek IM 30 is of low toxicological concern and ERMA prior classification suggests environmental hazards as 9.1A, 9.2B, 9.3B, 9.4A.

An assessment of the significant risks confirms that they will be minimised by the systems and structures in place at the manufacturing site. The use of UN classified containers and approved cartage contractors will reduce the risk of accidental spillage during transportation. The intended use of the product on limited industrial sites with containment measures in place for storage of chemical and dilution (with water) prior to use. Treated timber is exported, the risk associated with disposal of off cuts of treated wood is minimal as the mills have controls in place to discourage unauthorised removal of timber.

Benefits arise from reducing the cost of providing treated timber product to a specified standard, Increased export timber sales, use of lower toxicity chemicals reducing risk of long term health issues and a reduction in the risk to the environment in the event of a spillage from the use of lower ecotoxicity ingredients.

In the event of the need to dispose of Permatek IM30 the product will be returned to Zelam Ltd, where if necessary it will be disposed of in the in-site waste system. There is no requirement to dispose of diluted product. Treated timber is stored in a bunded contained area where all drippage is returned to the treatment tank.

The management of Permatek IM30 will be controlled by various Governmental Acts and Standards in place including;
Hazardous Substances and Noxious Organisms (HSNO) Act 1996. Relevant Controls specified in the Act and identified in this submission will be implemented. The Resource Management Act 1991. (RMA) New Zealand Standard NZS5433:1999, Transport of Dangerous Goods on LandHealth & Safety in Employment (H&SE) Act (1992)

In the event of emergency management being required the relevant information is supplied of the Emergency Safety Guide and the product MSDS. Zalam Ltd have a 24 hr chemcall number and this is listed on the product label