

TCMTB, TRANSI-KOTE AND WOODBLOCK 30 TO CONTROL
SAPSTAIN, MOLD AND DECAY ON LUMBER IN CANADA

by

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TCMTB is a 2-(thiocyanomethylthio)benzothiazole and it is the active ingredient in Woodblock 30. Woodblock 30 is a new product manufactured by Cloverdale Paint and Chemicals, Ltd., Surrey, B.C., that controls sapstain, mold and decay on freshly cut lumber. Woodblock 30 is registered for use by Agriculture Canada and may be used alone or in combination with Transi-Kote, which is a wax emulsion. Transi-Kote 30, which contains the wax emulsion and TCMTB in one product is now being patented and data are being obtained for registration with Agriculture Canada.

Tests by Cloverdale over the past four years show that Woodblock 30 combined with Transi-Kote and applied as a spray or dip is highly effective for controlling sapstain, mold and decay on sawn lumber for as long as 18 months. Rates used of this combination are as cost effective as NaTCP and NaPCP. Tests conducted by Forintek show that TCMTB is more effective or equal to NaTCP in giving protection for four and 16-month periods.

TCMTB is low in mammalian toxicity with an LD-50 of 1590 mg/Kg. Also, it is biodegradable in the soil within 60-90 days.

Woodblock 30 containing TCMTB as the active ingredient is presently the only alternative chemical to NaTCP and NaPCP for the control of sapstain, mold and decay of freshly cut lumber in Canada.