

ADHESIVES USED IN MALAYSIAN WOOD INDUSTRY

By

MOHD SHAH RIZAN BIN ABDULLAH

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Faculty of Applied Science,
Universiti Teknologi MARA Pahang**

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ABSTRACT

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Wood adhesive is one important element in wood-based processing industries. Most of wood products such particle board, glulam, plywood, boat construction, and more use good wood adhesive. The adhesive like urea-formaldehyde (UF), phenol- formaldehyde (PF), melamie-urea formaldehyde (MF), resorcinol formaldehyde (RF), elastomeric adhesive, thermoplastik adhesive, polyvinyl acetate and other. Each of adhesives could be use for certain wood based product. This is because the strength for each wood-based products are different. Also, the combination in adhesive contents are differences. Other than that, pH, presence of extractive, relative humidity, also contribute wood based.