

ABSTRACT

Multiplex is one of the most strongest wood processing materials. This material is often used as raw material of chairs, tables, beds, cupboards, or any other furnitures. However, multiplex production activities has caused the increase of its wastes which may lead to environmental damages. Due to the latest polution cases, the waste treatment by re-producing the multiplex wastes is urgently needed in order to reduce its number and utilize its layers and fibers so that it looks more attractive.

The waste treatment requires physical methods and chemical methods. Physical methods involve cutting, burning, and pulverizing; while the chemical method requires the mixing of chemicals into the materials. The result of this process is expected to produce valuable and functional goods for the society. Another advantage from this research is to give solution toward the consumers in processing multiplex wastes into something useful.

Keywords: *physical exploration, multiplex wastes, multiplex wastes processings*