

ABSTRACT

UTILIZATION OF NATURAL DYE MERBAU GAMA INDIGO ND AS TEXTILE PAINTING PAINT AND ITS APPLICATION TO TEXTILE PRODUCTS

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Conventional natural dyes have many stages that need to be done such as extracting textile natural dyes, because the process can consume time and energy. And with the emergence of the Gama Indigo ND brand which offers ready-to-use textile natural dyes in the form of powders or liquids resulting from plant extraction. In this study, we will utilize the natural dye Gama Indigo ND as a paste paint application with painting techniques. The painting technique was chosen because of the results of Gama Indigo ND products which generally use batik techniques or shibori techniques. That way, researchers see a development opportunity in the field of painting techniques. In the implementation of making natural textile dyes into paint or paste, requires alginate which plays an important role in producing viscosity. The method used is experimental by means of data collection through interviews, literature studies, and exploration. The results of the exploration that researchers did showed that merbau paste paint can look concentrated or young depending on the amount of water given. The shape of the brush stroke looks neat if you use the masking tape technique so that there is not much paint spilling out. And if the paste paint is too thick, the dye will not absorb into the fibers.

Keywords: Natural dye, Gama Indigo ND, formula, painting technique, textile product