

# **Processing Textile Waste In Batik Using The Electrocoagulation Applications: Study In Synthetic Dyes**

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## **ABSTRACT**

The batik industry is one of the industries that produces quite significant liquid waste. Liquid waste comes from the dyeing and cleaning processes used in batik production. Liquid waste contains various types of chemicals that are dangerous for the environment and human health if not treated properly. Batik waste that is not managed properly can pollute the air, soil and atmosphere and can have a negative impact on the health of the surrounding community. Therefore, researchers are trying to develop a batik processing model that is environmentally friendly and sustainable. The batik processing model includes more efficient and innovative use in processing batik waste as new raw materials. The aim of this research is to minimize the negative impact of the batik industry on the environment and surrounding communities and improve the quality of life of the community. The usefulness of this research is as a recommendation for effective and efficient processing of batik waste in the batik crafts industry and the production of a standard model for processing batik waste in accordance with environmentally friendly characteristics.

Kata Kunci: *Waste Processing, Textiles in Batik, Electrocoagulation Applications*