

## **ABSTRACT**

Waste is waste through processing and production process both in residence and also in wide-scale industry. The design will use synthetic leather waste from the production of shoes. Synthetic skin waste is one of the wastes that are widely disposed of and difficult to decompose. In one of the shoe industries, namely PT. Nokha International Group, Nokha is an Indonesian International company engaged in the design, development, marketing, and sale of shoes, apparel and accessories. In the production process of making shoes produce synthetic leather waste that is not utilized and ends up being garbage. There is a considerable opportunity to utilize and treat synthetic skin waste so that it does not just become garbage. Research is conducted to find the right waste treatment techniques to be applied to the waste. In research using descriptive qualitative methods, descriptive research about the state of the field naturally which in fact there is a phenomenon of waste of synthetic skin waste that can still be reused into a product. Limitations of the collection of synthetic leather waste materials, then the target of synthetic skin waste treatment is intended for women's sneakers products. Synthetic leather waste treatment will lift patchwork techniques that are expected to be an alternative material to then be designed into a product. The industry can gain new things from this research, namely designing sneakers for women whose raw materials are synthetic leather waste with a fairly high selling value.

**Keywords:** sneakers, synthetic leather waste, patchwork technique