

INTISARI

Pelaksanaan Tugas Akhir di PT. Karunia Catur Perkasa bertujuan mencari solusi untuk mengurangi kelunturan warna pada proses *dyeing* kulit sapi artikel *nubuck upper shoes* warna *yellow*, Bahan-bahan yang digunakan untuk *dyeing* kulit sapi artikel *nubuck upper shoes* warna *yellow* serta mengetahui faktor-faktor yang mempengaruhi dalam proses *dyeing* di PT. Karunia Catur Perkasa. Materi yang digunakan dalam pelaksanaan karya akhir proses *dyeing* kulit sapi *nubuck upper shoes* warna *yellow* meliputi bahan baku dan bahan pembantu. Proses pembuatan kulit *nubuck upper shoes* menggunakan bahan baku kulit *crust* sapi dengan kualitas C, D, dan R. Bahan pembantu yang digunakan dalam proses *dyeing nubuck upper shoes* adalah Havana RI, Sincal MS, Sincal DRA, asam formiat, dan Catalix GS. Tahapan proses yang digunakan adalah sortasi, *wetting back*, *dyeing*, *fatliquoring*, fiksasi, *pre-top dyeing*, *top dyeing*, *top fatliquoring*, dan fiksasi. Proses fiksasi sebelumnya yang telah diterapkan yaitu dengan cara memasukan asam formiat sebanyak 3% yang telah dilarutkan secara langsung, tanpa ada tahapan saat memasukannya dengan waktu 30 menit tetapi masih terjadi kelunturan, kemudian proses fiksasi dirubah penerapannya yaitu dengan penggunaan asam formiat sebanyak 3% selama 3 x 15 menit dan ditambah putaran 20 menit untuk menyempurnakan proses fiksasi. Sehingga prosentase kelunturan pada cat dasar dapat berkurang, karena warna terfiksasi sempurna pada penampang kulit.

Kata kunci: kelunturan warna, *nubuck*, *dyeing*, fiksasi.

ABSTRACT

The implementation of final project that was conducted at PT. Karunia Catur Perkasa aims to find a solution in improving the fading resistance or fastness in the process of dyeing leather nubuck yellow colored upper shoes, The materials used for dyeing cowhide nubuck yellow upper shoes as well as to find out the factors that influence the dyeing process in PT. Karunia Catur Perkasa. Materials that are used in practice of the final work of the yellow nubuck upper shoes leather dyeing process includes raw materials and supporting materials. The process of making nubuck upper shoes leather uses raw materials of cow crust with C, D, and R qualities, meanwhile the supporting materials that are used in the process of dyeing nubuck upper shoes are Havana RI, Sincal MS, Sincal DRA, formic acid, and Catalix GS. The stages or the process involves sorting, wetting back, dyeing, fatliquoring, fixation, pre-top dyeing, top dyeing, top fatliquoring, and fixation. The previous fixation process that had been applied was by inserting formic acid as much as 3% which had been dissolved directly without any stages when inserting it within 30 minutes but the fading still occurs, then the application of the fixation process is changed by using of 3% formic acid with the stage 3 x 15 minutes then added 20 minutes to finally complete the fixation process. The results shown was a dark-colored leather and translucent cross-section color. So that the percentage of fading in the basic color can be reduced, as an effect of the perfectly fixed color on the cross-section of the skin.

Keywords: *fading color, nubuck, dyeing, fixation.*